

Datasheet for ABIN7554197

## JCAD/KIAA1462 Protein (AA 1-1359) (His tag)



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### Overview

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Quantity:                     | 1 mg                                                 |
| Target:                       | JCAD/KIAA1462 (JCAD)                                 |
| Protein Characteristics:      | AA 1-1359                                            |
| Origin:                       | Human                                                |
| Source:                       | HEK-293 Cells                                        |
| Protein Type:                 | Recombinant                                          |
| Purification tag / Conjugate: | This JCAD/KIAA1462 protein is labelled with His tag. |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Purpose:  | Custom-made recombinant JCAD Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence: | <p> MYSVEDLLIS HGYKLSRDPP ASREDNPKGR QAARTGTRAG QGLQNGHEDG PAALAHKRTS<br/> AGKGHVSDSE SRRSTPRGHG EPQSTSASRT SEAGFCNQPP SAWSSHPTG NDQAYRRRGR<br/> QEARSQKPRE HENLEARGMA QAHS LPVHVR EGPWEVGGRS EHVMKKPVWE EELRMSGPAK<br/> WQNVSLESWN QPRKLGRQMS DGDGERLFQD LYPFIQGEHV LNSQNKGKSR SLPRVLSPES<br/> LSCTEIIPL NERHSPKMPP YPPTCAPNLD STRNSEKSGC SAPFPRPKFG RPLKPPSYSS<br/> HQQSRGGADS SDSQDSQQMD AYVPRHELCL SDPGLEPPVY VPPPSYRSPP QNIPNPYLED<br/> TVPINVCGGH SQQQSPTEKA GASGQPPSGP PGTGNEYGVS PRLPQGLPAH PRPVTAYDGF<br/> VQYIPFDDPR LRHFKLAQPQ GFCEDIK added KSYNSSPVTA QEPAHGGMQP DGAIWNPQSL<br/> IPPSGDERGL VLADSSPRWL WGQPPGDGEN SGLPNQRDRC VARGQWPDVR GSQHGHTGRQ<br/> VSSPYSQGES TCETQTKLKK FQTGTRTKKS SKKKMNETIF CLVSIPVKSE SHLPDRDMDN<br/> NDLKPSADQK NGSDKSPALQ EQSLLSMSST DLELQALTGS MGGRTFQKQ DLGEPEEDRQ<br/> TNDLSFIHLT KHRELKHSGS WPGHRYRDQQ TQTSFSEEPQ SSQLLPGAKL GGPSRAALSP </p> |

KCSDPAASEA QHTAFPTGD HKQRPSARNL KGHRSLSPSS NSAFSRTSLS VDQAPTPKAG  
RSQPCVDVHG LGAHPGPKRE VVKGEPTGPC NSKQLFGQFL LKPVSRRPWD LISQLESFNK  
ELQEEEESSS SSSSSSSSE ESEAEPQQEN RAHCRQEDVG FRGNSTEMRV EPQPRMWVPE  
SPVCRSGRGE SKSESWSEEL QPGHPRAWPP SPGRFRVEEG GGAPFCADG STSAEKRLH  
VSNMDELAGE SPFPVTRMSS RSSDAKPLPA SYPAEPREPQ ESPKITSAFS SVKPSEAVPR  
KFDSGGERGA GLPLSLSNKN RGLSAPDLRS VGLTPGQEQG ASELEGLGE ASTIEIPPGE  
SLQARAARIL GIEVAVESLL PGIRRAQONQ PAEPDASACT PESPQEELS RPAPADVPRV  
STDAFYGRRK CGWTKSPLFV GDRDSARRAP QAFEHSDVDG VVTSTDPVPE PEPSPLESKF  
FEQKDVETKP PFRSTLFHFV ERTPSVAGSE KRLRSPSKVI ESLQEKLASP PRRADPDRLM  
RMKEVSSVSR MRVLSFRNAD SQEDAEELKA TTRGQAGLPG GLVSPGSGDR AQRLGHSLSV  
SKDSISREEK EHPAAQKEKS MDQDFWCPDS YDPSRVERV

**Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specificity:     | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p> |
| Purity:          | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Grade:           | custom-made                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Target Details

|                   |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| Target:           | JCAD/KIAA1462 (JCAD)                                                                                         |
| Alternative Name: | JCAD ( <a href="#">JCAD Products</a> )                                                                       |
| Background:       | Junctional cadherin 5-associated protein (Junctional protein associated with coronary artery disease) (JCAD) |
| Molecular Weight: | 148.4 kDa                                                                                                    |
| UniProt:          | <a href="#">Q9P266</a>                                                                                       |

## Application Details

|                    |                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
| Restrictions:      | For Research Use only                                                                                                                                   |

## Handling

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Format:          | Liquid                                                           |
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C                                                           |
| Storage Comment: | Store at -80°C.                                                  |
| Expiry Date:     | 12 months                                                        |