

Datasheet for ABIN7557939

## STYK1 Protein (AA 1-429) (His tag)



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### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 1 mg                                         |
| Target:                       | STYK1                                        |
| Protein Characteristics:      | AA 1-429                                     |
| Origin:                       | Mouse                                        |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This STYK1 protein is labelled with His tag. |

### Product Details

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Purpose:     | Custom-made recombinant Styk1 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence:    | <p>MGEKGHLSRV LLECSLSDKL CVVREKQYEV IIVPALLVGG FLILLAILW LFIRGQRSQR</p> <p>QSPGPRGTAS VPASRGRSQE AAGHGKVL PLKETSVEGF LRAATPRLAK LQVPREQLLE</p> <p>VLEQIHSGSC GTLYHATMTT KDHPKPKSVV LKALEDPVGL QEVQDFIGRI QFYQYLGKHK</p> <p>NLVQLEGCCCT ERLPLYMMLE DVVPGDLLSF LWTCCRDMVT MDGLLYDLTE KQIYHIGKQI</p> <p>LLALEFLQEK HLFHGDVAAR NILIQSDLTP KLCHLGLAYE VHAHGAISSA RSSTIPLKWL</p> <p>APERLLLRPA SIRGDIWSFG ILLYEMVTLG APPYPEVPPT SILQYLQRKK IMKRPPSSCSH</p> <p>AMYNIMKCCW RWSEDSRPLL GQLLQRLEAA SRSADDKAVL QVPELVPEL YADVAGIRAE</p> <p>SISYSFSVL <b>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.</b></p> |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Characteristics: | <div><div>Key Benefits:</div><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></div> |
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|         |                                                                                               |
|---------|-----------------------------------------------------------------------------------------------|
| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade:  | custom-made                                                                                   |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | STYK1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Alternative Name: | Styk1 ( <a href="#">STYK1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Background:       | <p>Tyrosine-protein kinase STYK1 (EC 2.7.10.2) (Novel oncogene with kinase domain) (mNOK) (Serine/threonine/tyrosine kinase 1),FUNCTION: Probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines including NIH 3T3 fibroblasts and on athymic nude mice. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways. {ECO:0000269 PubMed:15150103}.</p> |
| Molecular Weight: | 48.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt:          | <a href="#">Q6J9G1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Application Details

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|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

Application Details

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                                                        |