

Datasheet for ABIN7558431

## BAIAP2L2 Protein (AA 1-522) (His tag)



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### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | BAIAP2L2  |
| Protein Characteristics:      | AA 1-522  |
| Origin:                       | Mouse   |
| Source:                       | HEK-293 Cells                                   |
| Protein Type:                 | Recombinant                                     |
| Purification tag / Conjugate: | This BAIAP2L2 protein is labelled with His tag. |

### Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinant Baiap2l2 Protein expressed in mammalian cells.  |
| Sequence: | <p>MAPEMDQFYR STMAIYKSIM EQFNPALENL VYLGNNYLRA FHALSEAAEV YFSAIQKIGE</p> <p>QALQSSTSQI LGEILVQMSD TQRHLNSDLE VVVQTFHGD LQHMEKNTKL DMQFIKDSCQ</p> <p>HYEIEYRHRA ANLEKCMSEL WRMERKRDKN AREMKESVNR LHAQMQAFVS ESKRAAELEE</p> <p>KRRYRFLAEK HLLLSNTFLQ FLGRARGMLQ NRVLWKEQS EASRSPSRAH SPGLLG PALG</p> <p>PPYPSGRLTP TRLDMPPRPL GEYGSPRSRH GSGSYGPEPA EARSASQLEP DRRSLPRTPS</p> <p>ASSLYASTQ RSRSNSFGER LGGGGARRVR ALVSHSEGAN HTLLRFSAGD VVEVLVPEAQ</p> <p>NGWLYGKLEG SSASGWFEPA YVKPVEEIPV NPMNPVAPMN SMAPMSPMNE LPSRSYPLRG</p> <p>SHSLDDLLDR PGNPTASSEY WDSQSRSRTP SRVPSRAPSP APPPLPSSRR SSVGSMGAAT</p> <p>DVKKLMSWEQ NPPELFPRGT NPFATVKLRP TVTNDRSAPL IR <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> |

## Product Details

|                  |   |
|------------------|---|
| 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:           | BAIAP2L2   |
| Alternative Name: | Baiap2l2 ( <a href="#">BAIAP2L2 Products</a> )   |
| Background:       | Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 2 (BAI1-associated protein 2-like protein 2) (Planar intestinal- and kidney-specific BAR domain protein) (Pinkbar),FUNCTION: Phosphoinositides-binding protein that induces the formation of planar or gently curved membrane structures. Binds to phosphoinositides, including to phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) headgroups. There seems to be no clear preference for a specific phosphoinositide. {ECO:0000269 PubMed:21743456}. |
| Molecular Weight: | 58.4 kDa   |
| UniProt:          | <a href="#">Q80Y61</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  |