

Datasheet for ABIN7547315
EPB41L5 Protein (AA 1-733) (His tag)



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Overview

Quantity:	1 mg
Target:	EPB41L5
Protein Characteristics:	AA 1-733
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPB41L5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant EPB41L5 Protein expressed in mammalian cells.
Sequence:	<p> MLSFFRRTLG RRSMRKHA EK ERLREARAA THIPAAGDSK SIITCRVSL DGTDVSV DLP KKAKGQELFD QIMYHLDLIE SDYFGLRFMD SAQVAHWLDG TKSIIKQVKI GSPYCLHLRV KFYSSPPNNL REELTRYLFV LQLKQDILSG KLDGPFDTAV QLAAYNLQAE LGDYDLAEHS PELVSEFRFV PIQTEEMELA IFEKWKEYRG QTPAQAE TNY LNKAKWLEMY GVDMHVVKAR DGNDYSLGLT PTGVLVFEGD TKIGLFFWPK ITRLDFKKNK LTLVVVEDDD QGKEQEHTFV FRLDHPKACK HLWKCAVEHH AFFRLRGPVQ KSSHRSGFIR LGSFRFRYS GK TEYQTTKTNK ARRTSFERR PSKRYSRRTL QMKACATKPE ELSVHNNVST QSNQSQA WGMRSALPVSPS ISSAPVPVEI ENLPQSPGTD QHDKCIPLN IDLLNSPDLL EATIGDVIGA SDTMETSQAL NDVNVATRPL GLGEPEVEYE TLKDTSEK LK QLEMENSP LL SPRSNIDVNI NSQEEVVKLT EKCLNNVIES PGLNVMRVPP DFKSNILKAQ VEA VHKV TKE DSLLSHKNAN VQDAATNSAV LNENNVPLPK ESLETMLIT PADSGSVLKE ATDELDALLA SLTENLIDHT VAPQVSSTSM ITPRWIVPQS GAMSNGLAGC EMLLTGKEGH GNKDGISLIS PPAPFLVDAV TSSGPILAE E </p>

Product Details

AVLKQKCLLT TEL **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: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: EPB41L5

Alternative Name: EPB41L5 ([EPB41L5 Products](#))

Background: Band 4.1-like protein 5 (Erythrocyte membrane protein band 4.1-like 5),FUNCTION: Plays a role in the formation and organization of tight junctions during the establishment of polarity in epithelial cells. {ECO:0000269|PubMed:17920587}.

Molecular Weight: 81.9 kDa

UniProt: [Q9HCM4](#)

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