

Datasheet for ABIN7553750

EPB41L3 Protein (AA 1-1087) (His tag)



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Overview

Quantity:	1 mg
Target:	EPB41L3
Protein Characteristics:	AA 1-1087
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPB41L3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EPB41L3 Protein expressed in mammalian cells.
Sequence:	<p>MTTESGSDSE SKPDQEAEPQ EAAGAQRAG APVPEPPKEE QQQALEQFAA AAAHSTPVRR</p> <p>EVTDKQEFA ARAAQLEYQ QLEDDKLSQK SSSSKLSRSP LKIVKKPKSM QCKVILLDGS</p> <p>EYTCDEVKRS RGQVLFDKVC EHLNLLKDY FGLTYRDAEN QKNWLDPAKE IKKQVRSGAW</p> <p>HFSFNVKFYP PDPAQLSEDI TRYILCLQLR DDIVSGRLPC SFVTLLALLGS YTVQSELGDY</p> <p>DPDECGSDYI SEFRFAPNHT KELEDKVEL HKSHRGMTPE EAEMHFLENA KKLSMYGVDL</p> <p>HHAKDSEGVE IMLGVCASGL LIYRDLRLIN RFAWPVKLKI SYKRNIFYIK IRPGEFEQFE</p> <p>STIGFKLPNH RAAKRLWKVC VEHTFFRLL LPEAPPKFL TLGSKFRYSR RTQAQTRRAS</p> <p>ALIDRPAPYF ERSSSKRYTM SRSLDGEVGT GQYATTKGIS QTNLITTVTP EKKAEEERDE</p> <p>EEDKRRKGEE VTPISAIRHE GKSPGLGTDS CPLSPSTHC APTSPTELRR RCKENDCKLP</p> <p>GYEPSRAEHL PGEPALDSGD PGRPYLGDQD VAFSYRQQTG KGTTLFSFSL QLPESFPSLL</p> <p>DDDGYSFPN LSETNLLPQS LQHYLPIRSP SLVPCFLFIF FLLSASFVS PYALTLSFPL</p>

ALCLCYLEPK AASLSASLDN DPSDSSEET DSERTDTAAD GETTATESDQ EEDAELKAQE
LEKTQDDLK HQTNISELKR TFLETSTDTA VTNEWKRLS TSPVRLAARQ EDAPMIEPLV
PEETKQSSGE KLMDGSEIFS LLESARKPTE FIGGVTSTSQ SWVQKMETKT ESSGIETEPT
VHHLPLSTEK VVQETVLVEE RRVVHASGDA SYSAGDSGDA AAQPAFTGIK GKEGSALTEG
AKEEGGEEVA KAVLEQEETA AASRERQEEQ SAAIHSETL EQKPHFESST VKTETISFGS
VSPGGVKLEI STKEVPVHT ETKTITYESS QVDPGTDLEP GVLMSAQIT SETTSTTTTT
HITKTVKGGI SETRIEKRIV ITGDADIDHD QALAQAIKEA KEQHPDMSVT KVVVHKETEI TPEDGED

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

EPB41L3

Alternative Name:

EPB41L3 ([EPB41L3 Products](#))

Background:

Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) (Erythrocyte membrane protein band 4.1-like 3) [Cleaved into: Band 4.1-like protein 3, N-terminally processed],FUNCTION: Tumor suppressor that inhibits cell proliferation and

Target Details

	promotes apoptosis. Modulates the activity of protein arginine N-methyltransferases, including PRMT3 and PRMT5. {ECO:0000269 PubMed:15334060, ECO:0000269 PubMed:15737618, ECO:0000269 PubMed:16420693, ECO:0000269 PubMed:9892180}.
Molecular Weight:	120.7 kDa
UniProt:	Q9Y2J2
Pathways:	Cell-Cell Junction Organization, Maintenance of Protein Location

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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