

Datasheet for ABIN7565234

EPB41L3 Protein (AA 1-929) (His tag)



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Overview

Quantity:	1 mg
Target:	EPB41L3
Protein Characteristics:	AA 1-929
Origin:	Mouse
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 EAAGPQGQAG AQPGEPEAGG NGSLNGEKQQ PALEQFPEAA</p> <p>AHSTPVKREI GDKDRDFAAA AAKQLEYQQF EDDKLSQRSS SSKLSRSLK IVKRPKSMQC</p> <p>KVTLLDGSEY GCDVDKRSRG QVLFDKVCHE LNLLEKDYFG LTYRDAENQK NWLDPAGEIK</p> <p>KQIRSGAWHF SFNVKFYPPD PAQLSEDIR YYLCLQLRDD IVSGRLPCSF VTLALLGSYT</p> <p>VQSELGDYDP DECGNDYISE FRFAPNHTKE LEDKVIELHK SHRGMTPEAE EMHFLENACK</p> <p>LSMYGVDLHH AKDSEGVEIM LGVCASGLLI YRDLRLINRF AWPVKLKISY KRNNFYIKIR</p> <p>PGEFEQFEST IGFKLPNHRA AKRLWKVCVE HHTFFRLLLP EAPPKKFTL GSKFRYSGRT</p> <p>QAQTRRASAL IDRPAPYFER SSSKRYTMSR SLDGASVSEN HEIYMKDSVS AAEVGTGQYA</p> <p>TTKGISQTNL ITTVPTEKKA EEERVEEEDR RKKAEEATPV TALRHEGKTD SERTDTAADG</p> <p>ETSATESDQE EDAAEIKAQDL DKTQDELMKH QTNISELKRT FLETSTETAL TNEWKRLST</p> <p>SPVRLAARQE DAPMIEPLVP EETKQSSGEK LMDGSEILSL LESARKPTEF IGGVSSTTQS</p>

WVQKLETKTE PVEAEVESTP HPQPLSTEKV LQETILVEER HVMSVHASGD ASHTARDEVD
AAESTPTDRR HTGKGKEGSS VTEAAKEQRG EEVDQSAPEQ EQPATVSHEE EQASTIRTSE
GLEQKSHFES STVRVESTSV GSISPGGAKL EISTKEVPVW HTETKTITYE SSQVDPGADL
EPGVLMSAQT ITSETTSTTT TTHITKTVKG GISETRIEKR IVITGDADID HDQALAQAIK
EAKEQHPDMS VTKVVVKET EITPEDGED **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <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>
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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) (DAL1P) (mDAL-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 promotes apoptosis. Modulates the activity of protein arginine N-methyltransferases, including PRMT3 and PRMT5 (By similarity). {ECO:0000250}.

Target Details

Molecular Weight:	103.3 kDa
UniProt:	Q9WV92
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