Datasheet for ABIN7555980

FERMT3 Protein (AA 1-667) (His tag)

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Overview

Quantity:	1 mg
Target:	FERMT3
Protein Characteristics:	AA 1-667
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FERMT3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FERMT3 Protein expressed in mammalian cells.
Sequence:	MAGMKTASGD YIDSSWELRV FVGEEDPEAE SVTLRVTGES HIGGVLLKIV EQINRKQDWS DHAIWWEQKR QWLLQTHWTL DKYGILADAR LFFGPQHRPV ILRLPNRRAL RLRASFSQPL FQAVAAICRL LSIRHPEELS LLRAPEKKEK KKKEKEPEEE LYDLSKVVLA GGVAPALFRG MPAHFSDSAQ TEACYHMLSR PQPPPDPLLL QRLPRPSSLS DKTQLHSRWL DSSRCLMQQG IKAGDALWLR FKYYSFFDLD PKTDPVRLTQ LYEQARWDLL LEEIDCTEEE MMVFAALQYH INKLSQSGEV GEPAGTDPGL DDLDVALSNL EVKLEGSAPT DVLDSLTTIP ELKDHLRIFR IPRRPRKLTL KGYRQHWVVF KETTLSYYKS QDEAPGDPIQ QLNLKGCEVV PDVNVSGQKF CIKLLVPSPE GMSEIYLRCQ DEQQYARWMA GCRLASKGRT MADSSYTSEV QAILAFLSLQ RTGSGGPGNH PHGPDASAEG LNPYGLVAPR FQRKFKAKQL TPRILEAHQN VAQLSLAEAQ LRFIQAWQSL PDFGISYVMV RFKGSRKDEI LGIANNRLIR IDLAVGDVVK TWRFSNMRQW NVNWDIRQVA IEFDEHINVA FSCVSASCRI VHEYIGGYIF LSTRERARGE ELDEDLFLQL TGGHEAF **Sequence without tag. The proposed Purification-Tag is based on experiences with the**

Product Details

	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:	FERMT3
Alternative Name:	FERMT3 (FERMT3 Products)
Background:	Fermitin family homolog 3 (Kindlin-3) (MIG2-like protein) (Unc-112-related protein 2),FUNCTION: Plays a central role in cell adhesion in hematopoietic cells (PubMed:19234463, PubMed:26359933). Acts by activating the integrin beta-1-3 (ITGB1, ITGB2 and ITGB3) (By similarity). Required for integrin-mediated platelet adhesion and leukocyte adhesion to endothelial cells (PubMed:19234460). Required for activation of integrin beta-2 (ITGB2) in polymorphonuclear granulocytes (PMNs) (By similarity). {ECO:0000250|UniProtKB:Q8K1B8, ECO:0000269|PubMed:19234460, ECO:0000269|PubMed:19234463, ECO:0000269|PubMed:26359933}., FUNCTION: Isoform 2 may act as a repressor of NF-kappa-B and apoptosis. {ECO:0000269|PubMed:19064721, ECO:0000269|PubMed:19234460,

Target Details

	ECO:0000269|PubMed:19234463}.
Molecular Weight:	76.0 kDa
UniProt:	Q86UX7

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

