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Datasheet for ABIN7553901

FERMT1 Protein (AA 1-677) (His tag)

Overview

Quantity:	1 mg
Target:	FERMT1
Protein Characteristics:	AA 1-677
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FERMT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FERMT1 Protein expressed in mammalian cells.
Sequence:	MLSSTDFTFA SWELVVRVDH PNEEQQKDVT LRVSGDLHVG GVMLKLVEQI NISQDWSDFALWWEQKHCWL LKTHWTLDKY GVQADAKLLF TPQHKMLRLR LPNLKMOVRLR VSFSAVVFKA VSDICKILNI RRSEELSLK PSGDYFKKKK KKDKNNKEPI IEDILNLESS PTASGSSVSP GLYSKTMTPY YDPINGTPAS STMTWFSDSP LTEQNCSILA FSQPPQSPEA LADMYQPRSL VDKAKLNAGW LDSSRSLMEQ GIQEDELQLLL RFKYYSFFDL NPKYDAVRIN QLYEQARWAILLEEIDCTEE EMLIFAALQY HISKLSLSAE TQDFAGESEV DEIEAALSNI EVTLEGGKAD SLEDITDIP KLADNLKLF PKKLLPKAFK QYWFIFKDTI IAYFKNKELE QGEPLKLNLRGCEVVPDVN VAGRKFGIKL LIPVADGMNE MYLRCDHENQ YAQWMAACML ASKGMTMADS SYQPEVLNLI SFLRMKNRNS ASQVASSLEN MDMNPECFVS PRCAKRHKSK QLAARILEAH QNVAQMPLVE AKLRFIQAWQ SLPEFGLTYY LVRFKGSKKD DILGVSYNRL IKIDAATGIP VTTWRFTNIK QWNVNWETRQ VVIEFDQNVF TAFTCLSADC KIVHEYIGGY IFLSTRSKDQ NETLDEDLFH KLTGGQD Sequence without tag. The proposed Purification-Tag is based on

Product Details

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: FERMT1

Alternative Name: FERMT1 ([FERMT1 Products](#))

Background: Fermitin family homolog 1 (Kindlerin) (Kindlin syndrome protein) (Kindlin-1) (Unc-112-related protein 1),FUNCTION: Involved in cell adhesion. Contributes to integrin activation. When coexpressed with talin, potentiates activation of ITGA2B. Required for normal keratinocyte proliferation. Required for normal polarization of basal keratinocytes in skin, and for normal cell shape. Required for normal adhesion of keratinocytes to fibronectin and laminin, and for normal keratinocyte migration to wound sites. May mediate TGF-beta 1 signaling in tumor progression. {ECO:0000269|PubMed:14634021, ECO:0000269|PubMed:17012746, ECO:0000269|PubMed:19804783}.

Target Details

Molecular Weight: 77.4 kDa

UniProt: [Q9BQL6](#)

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