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Datasheet for ABIN7557290
SKAP1 Protein (AA 1-355) (His tag)

Overview

Quantity:	1 mg
Target:	SKAP1
Protein Characteristics:	AA 1-355
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SKAP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Skap1 Protein expressed in mammalian cells.
Sequence:	<p>MQAVALPEEI CWLLEDTEDF LAEGLQENEL SPGAQDQRAH ILRGFQQIKS RYCWFDFQPQG GDLGQDGSDD NLSGTHGPPL TSEASFWSY QDEGIEDILR GAQELDSVIK QGYLEKSSKD HSFFGSEWQK RWCVISRGLF LYYANEKSKQ PKGTFLIKGY SVRMAPHLRK DSKKESCFEL ISQDRRSYEF TASSPAEARD WVDQISFLLK DLSSLTIPFE EEEEEEEEEEE KEEEMYNV DGFDSRSGS QCRAMALPEP TEKEEDIYEV LPDDDDLEED TCGAHRRRVD YADYYQGLWD CHGDQPDELS FQRGDLIRIL SKEYNMYGWW VGELNSVIGI VPKDYLTAF EMEGI 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.</p>
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:

Product Details

- 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:	SKAP1
Alternative Name:	Skap1 (SKAP1 Products)
Background:	Src kinase-associated phosphoprotein 1 (Src family-associated phosphoprotein 1),FUNCTION: Positively regulates T-cell receptor signaling by enhancing the MAP kinase pathway (By similarity). Required for optimal conjugation between T-cells and antigen-presenting cells by promoting the clustering of integrin ITGAL on the surface of T-cells (By similarity). May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells (PubMed:12681493). {ECO:0000250 UniProtKB:Q86WV1, ECO:0000269 PubMed:12681493}.
Molecular Weight:	41.0 kDa
UniProt:	Q3UUV5

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