

Datasheet for ABIN7564816
SEC16B Protein (AA 1-1051) (His tag)



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Overview

Quantity:	1 mg
Target:	SEC16B
Protein Characteristics:	AA 1-1051
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEC16B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sec16b Protein expressed in mammalian cells.
Sequence:	<p>MEPWVPQTQG RTTGPSRDTN RGLQSGHYRP RLHSQYSGDK YHQWQDAHKN SKSQQDLRDD HQQSHSVSRS GEWSQPVSGA DYLKGSYPSH LYSRSGYGDP YQRYHTPTPR DEYAYGNYYY HGHPQLLPEE RVARQGSPI WHEDHGDQRY FGEHHREKHN GTFGANSDTQ FQFTSKNPYR DSPASVSGQE QPGEFFPESE AQKQKPLLTS KSSLLQKHES GLSSSSYELS QYMTAAPEEY EPMVSAAWRP IQADDSATV PKAPMRFYVP HVSVSFGPGG QLVCVPPNSP ADGQTALVEV HSMEVLLNDF EDQEEMRAFP GPLIREDIHK VDIMTFCQK ATQCLKSETP GSRDSALLWQ LLVLLCRQNG SMVGS DIAEL LMQDCKKLEK YKRQPPVANL INLTDEDWPV LSSGTRDLLT GEIPPNDTP AQIVEKFTKL LYYGRKKEAL EWAMKNHLWG HALFLASKMD PRTYNWVMSG FTSTLALNDP LQTLFQLMSG RIPQAATVCG DKQWGDWRPH LAVILSNQAG DTELYQRAIV SMGDTLAGKG LVEASHFCYL MAHVFPFGHYT VKTDHLALVG SSSHQEFMKF ATIEAIQRTE IFEYCQMLGR PKSFIPSFQV YKLLYASRLA DYGLASQALH YCEAIGAAVL SQEGSSHPVL LAELIKLAEK LKLSDPLVLE RRRGDRDLEP DWLVQLRRKH KDLEQNRTGA PRDPDSTPSD</p>

Product Details

IYGAGGTTDT PYPDLSGHQY YSEDSEYSST LWSTAEQTSL TNPLAQQSFP LQRDTYSGHM
GTPVPLYVSP ATHLAVTSGA SGSSVAVTGT PGGRVGEDML RTHPAFGENT MTQEPLDPD
GLEVISSLQT PAAPRVPSFS EDSAASAKED EEGSSDGADK PSHPDASQKG KLGDKNTKS
SGFGWFSWFR SKPASSVSTS GDEDSSDSSD SEESPRASSP HHASPGLSPT PPLTSPSLPG
ASTFSRGTGG SILQGSSNSS GIAEGMGIGG FSGTQGVSSSE FYSQPGALPP PPTLQGAVPL
YNPSQVPQLP TASSLNRPNR LAQRRYPTQP C **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.**

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: SEC16B

Alternative Name: Sec16b ([SEC16B Products](#))

Background: Protein transport protein Sec16B (Leucine zipper transcription regulator 2) (Regucalcin gene promoter region-related protein p117) (RGPR-p117) (SEC16 homolog B),FUNCTION: Plays a

Target Details

role in the organization of the endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus. Involved in peroxisome biogenesis. Regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes. {ECO:0000250|UniProtKB:Q96JE7}.

Molecular Weight: 115.5 kDa

UniProt: [Q91XT4](#)

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