

Datasheet for ABIN7555442
SEC16B Protein (AA 1-1060) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SEC16B
Protein Characteristics:	AA 1-1060
Origin:	Human
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:	MELWAPQRLP QTRGKATAPS KDPDRGFRRD GHHRPVPHSW HNGERFHQWQ DNRGSPQPQQ EPRADHQQP HYASRPGDWH QPVSVDYIE GGYRNQLYSR PGYENSYSY QSPTMREEYA YGSYYYHGHP QWLQEERVPR QRSPYIWHED YREQKYLDEH HYENQHSPFG TNSETHFQSN SRNPCKDSPA SNSGQEWPG E LFP G SLLAEA QKNKPSLASE SNLLQQRESG LSSSSYELSQ YIRDAPERDD PPASAAWSPV QADVSSAGPK APMKFYIPHV PVSFGPGGQL VHVGPSSPTD GQAALVELHS MEVILNDSEE QEEMRSFSGP LIREDVHKVD IMTFCQKAA QSCKSETLGS RDSALLWQLL VLLCRQNGSM VGSDIAELLM QDCKKLEKYK RQPPVANLIN LTDEDWPVLS SGTPNLLTGE IPPSVETPAQ IVEKFTRLLY YGRKKEALEW AMKNHLWGHA LFLSSKMDPQ TYSWVMSGFT STLALNDPLQ TLFQLMSGRI PQAATCCGEK QWGDWRPHLA VILSNQAGDP ELYQRAIVAI GDTLAGKGLV EAAHFCYLMA HVPFGHYTVK TDHLVLLGSS HSQEFLKFAT TEAIQRTEIF EYCQMLGRP K SFIPSFQVYK LLYASRLADY GLVSQALHYC EAIGAAVLSQ GESSHPVLLV ELIKLAEK LK LSDPLVLERR SGDRDLEPDW LAQLRRQLEQ KVAGDIGDPH

Product Details

PTRSDISGAG GTTTENTFYQ DFSGCQGYSE APGYRSALWL TPEQTCLLQP SPQQPFPLQP
GSYPAGGGAG QTGTPRPFYS VPETHLPGTG SSVAVTEATG GTVWEEMLQT HLGPGENTVS
QETSQPPDGQ EVISKPQTPL AARPRSISES SASSAKEDEK ESSDEADKNS PRNTAQRGKL
GDGKEHTKSS GFGWFSWFRS KPTKNASPAG DEDSSDSPDS EETPRASSPH QAGLGLSLTP
SPESPPLPDV SAFSRGRGGG EGRGSASSGG AAAGAGVGGL SGPEVSFEL CSNPGVLLPP
PALKGAVPLY NPSQVQLPT ATSLNRPNRL AQRRYPTQPC **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 (PubMed:17192411, PubMed:21768384, PubMed:22355596). Involved in peroxisome biogenesis. Regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes (PubMed:21768384). {ECO:0000269|PubMed:17192411, ECO:0000269|PubMed:21768384, ECO:0000303|PubMed:22355596}.

Molecular Weight: 116.6 kDa

UniProt: [Q96JE7](#)

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