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Datasheet for ABIN7555336

**SEC31B Protein (AA 1-1179) (His tag)**

## Overview

Quantity:	1 mg
Target:	SEC31B
Protein Characteristics:	AA 1-1179
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEC31B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat SEC31B Protein expressed in mammalian cells.
Sequence:	MKLKELERPA VQAWSPASQY PLYLATGTSA QQLDSSFSTN GTLEIFEVDF RDPSLDLKHR GVLSALSRFH KLVWGSFGSG LLESSGVIVG GGDNGMLILY NVTHILSSGK EPVIAQKQKH TGAVRALDLN PFQGNLLASG ASDSEIFIWD LNNLNVPMTL GSKSQPPED IKALSWNRQA QHILSSAHPS GKAVVWDLRK NEPIIKVSDH SNRMHCSGLA WHPDIATQLV LCSEDDRPLV IQLWDLRFAS SPLKVLESHS RGILSVSWSQ ADAELLTSA KDSQILCRNL GSSEVVYKLP TQSSWCFDVQ WCPRDPSVFS AASFNGWISL YSVMGRSWEV QHMRQADKIS SSFSKGQPLP PLQVPEQVAQ APLIPPLKKP PKWIRRPTGV SFAFGGKLV FGLPSTPAHL VPQPCPRLVF ISQVTTESEF LMRSaelQEA LGSGNLLNYC QNKSQQALLQ SEKMLWQFLK VTLEQDSRMK FLKLLGYSKD ELQKKVATWL KSDVGLGESP QPKGNDLNSD RQAFCSQAS KHTTKEASAS SAFFDELVPQ NMTPWEIPIT KDIDGLLSQA LLLGELGPAV ELCLKEERFA DAILAQAGG TDLLKQTQER YLAKKTKIS SLLACVVQKN WKDVVCTCSL KNWREALALL LTYSGTEKFP

## Product Details

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ELCDMLGTRM EQEGSRALTS EARLCYVCSG SVERLVECWA KCHQALSPMA LQDLMEKVMV  
LNRSLQLRG PHGVSPGPAT TYRVTQYANL LAAQGLATA MSFLPRDCAQ PPVQQLRDRL  
FHAQGSVAVLG QQSPFPFPR IVVGATLHSEK ETSSYRLGSQ PSHQVPTPSP RPRVFTPQSS  
PAMPLAPSHS SPYQGPRTQN ISDYRAPGPQ AIQPLPLSPG VRPASSQPQL LGGQRVQVPN  
PVGFPGTWPL PGSPLMACP GIMRPGSTSL PETPRLFPLL PLRPLGPGRM VSHTPAPPAS  
FPVPYLPGBP GAPCSSVLPT TGILTPHPGQ QDSWKEAPAP RGNLQRNKLP ETFMPPAPIT  
APVMSLTPEL QGILPSQPPV SSVSHAPPGV PGELSLQLQH LPPEKMERKE LPPEHQLKS  
SFEALLQRCS LSATDLKTKR KLEEAQRLE YLYEKLCEGT LSPHVAVGLH EVARCVDAGS  
FEQGLAVHAQ VAGCSSFSEV SSFMPILKAV LIIAHKLLV **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

SEC31B

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### Alternative Name:

SEC31B ([SEC31B Products](#))

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### Background:

Protein transport protein Sec31B (SEC31-like protein 2) (SEC31-related protein B) (SEC31B-

## Target Details

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1),FUNCTION: As a component of the coat protein complex II (COPII), may function in vesicle budding and cargo export from the endoplasmic reticulum. {ECO:0000269|PubMed:16495487}.

Molecular Weight: 128.7 kDa

UniProt: [Q9NQW1](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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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