

Datasheet for ABIN7563686  
**SEC31B Protein (AA 1-1158) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SEC31B
Protein Characteristics:	AA 1-1158
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEC31B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Sec31b Protein expressed in mammalian cells.
Sequence:	MKLKELEKPA VQAWSPARQY PVYLATGTSA QQLDASFSTN ATLEIFEIDF RDPSLDLKHK GILSVSSRFH KLIWGSFGSG LLENSGVIAG GGDNGTLTLY NVTHVLSSGK EPLIAQKQKH TGAVRALDFN PFQGNLLASG ASDSEIFIWD LNHLVPMTP GPKSQNPED IKALSWNLQV QHILASAHPS GKAVVWDLRK NEPIIKVSSH SSRMNCGLA WNPDIATQLV LCSEDDQLPV IQLWDLRFAS SPLKVLESHS RGILSMSWNQ ADAELLSTA KDSQIFCWNL SSSEVVYKLP TQSSWCFDVQ WCPQSPPVFS AVSFDGWISL CSVMGRSWEA QHMRQADKVP EQVAQASLIP PLKKPPKWMR RPAGGSFAFG GKLVTFLGPS IPVQPVAQAC SRPVFISQVI TESEVLTRSV VLQEALGSGN LLNYCQSKVQ QASLPCEKIL WQFLKVTLEQ DSRPKFLGGL GYSREELQKK VDTCLKSDSK SQESPQLEAV DLKSDRAHSP CAQASKHTAK EASESSAFFD ELIPQNMTPW EIPTTEDTDG LLSQALLGE LRSVELCLK EERFADAIL AQAGDAELLK WTQERYLAKR RTKTSSLLAC VVKNWVDLV CACRLKNWRE ALALLTYSG PEKPELCDM LGTRMEQEGG RALTSEARLC YVCSGSVERL VESWAKFQQA SSPMALQELM EQVTVLSRSL ELLQGSNKMS

## Product Details

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PGPATTHRLT QYANLLAAQG SLATAMSFLP SDCIQPGVQQ LRDRLFHAQG SAVLGQQAPA  
FFPFRVAVGA ALHSKETSSY RRGLQPPQV PAPSVRPRTT AQPSSVMPFS PSQSPSQGS  
SDHRVLRPQA ILPGHFVPGV RPALSPPQLS GGQSVPAVNP AGFCGAWPLP GPTPVMASPD  
FMQPGSTHLP ETPRLLPLPP VGPPGPNPLS SQLPASVTF SVAPPPGGPR APCSSALPSS  
GILATCPGPQ DSWKVSPASQ GNLQRKKLPE TFMPPAPITA PLRSLGPEPQ QALLPQPLVS  
SATLPPPGAP RECSLQQLQP LPPERTEKEL PPEHQCVKDS FEALLQRCSL TATDLKTKRK  
LEEAARRLEC LYEKLCGTL SPHVLAGLHE VARCVDAGSF EQGLAVHAQV AGCSSFSEVS  
SFMPMLKAVL TIAHKLQG **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

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**Target:** SEC31B

**Alternative Name:** Sec31b ([SEC31B Products](#))

**Background:** Protein transport protein Sec31B (SEC31-like protein 2) (SEC31-related protein B),FUNCTION:

## Target Details

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As a component of the coat protein complex II (COPII), may function in vesicle budding and cargo export from the endoplasmic reticulum. {ECO:0000250|UniProtKB:Q9NQW1}.

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Molecular Weight: 125.6 kDa

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UniProt: [Q3TZ89](#)

## Application Details

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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.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months