

Datasheet for ABIN7555360
SEC31A Protein (AA 1-1220) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SEC31A
Protein Characteristics:	AA 1-1220
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEC31A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SEC31A Protein expressed in mammalian cells.
Sequence:	MKLKEVDRTA MQAWSPAQNH PIYLATGTSA QQLDATFSTN ASLEIFELDL SDPSLDMKSC ATFSSSHRYH KLIWGPYKMD SKGDVSGVLI AGGENGNIL YDPSKIIAGD KEVVIAQNDK HTGPVRALDV NIFQTNLVAS GANESEIYW DLNNFATPMT PGAKTQPPED ISCIAWNRQV QHILASASPS GRATVWDLRK NEPIIKVSDH SNRMHCSGLA WHPDVATQMV LASEDDRPLPV IQMWDLRFAS SPLRVLENHA RGILIAWASM ADPELLLSCG KDAKILCSNP NTGEVLYELP TNTQWCFDIQ WCPRNPAVLS AASFDGRISV YSIMGGSTDG LRQKQVDKLS SSFGNLDPFQ TGQPLPLQI PQQTAQHSIV LPLKKPPKWI RRPVGASFSF GGKLVTFENV RMPHQGAEQ QQQQHHVFIS QVTEKEFLS RSDQLQQAVQ SQGFINYCQK KIDASQTEFE KNWSFLKVN FEDDSRGKYL ELLGYRKEDL GKKIALALNK VDGANVALKD SDQVAQSDGE ESPAAEEQLL GEHIKEEKKEE SEFLPSSGGT FNISVSGDID GLITQALLTG NFESAVDLCL HDNRMADAIL LAIAGGQELL ARTQKKYFAK SQSKITRLIT AVVMKNWKEI VESCDLKNWR EALAAVLTYA

Product Details

KPDEFSALCD LLGTRLENEG DSLLQTQACL CYICAGNVEK LVACWTKAQD GSHPLSLQDL
IEKVVILRKA VQLTQAMDTSTVGVLLAAKM SQYANLLAAQ GSIAAALAFLLPDNTNQPNIM
QLRDRLCRAQ GEPVAGHESP KIPYEKQQLP KGRPGPVAGH HQMPRVQTQQ YYPHGENPPP
PGFIMHGNVN PNAAGQLPTS PGHMHTQVPP YPQPQPYQPA QPYPFGTGGSS AMYRPQPVA
PPTSNAYPNT PYISSASSYT GQSQLYAAQH QASSPTSSPA TSFPPPPSSG ASFQHGGPGA
PPSSAYALP PGTTGTLPA SELPASQRTG PQNGWNDPPA LNRVPKMKKM PENFMPPVPI
TSPIMNPLGD PQSQMLQQQP SAPVPLSSQS SFPQPHLPGG QPFHGVQQPL GQTGMPPSFS
KPNIEGAPGA PIGNTFQHVQ SLPTKKITKK PIPDEHLILK TTFEDLIQRC LSSATDPQTK
RKLDDASKRL EFLYDKLREQ TLSPTITSG L HNIARSIETR NYSEGLTMHT HIVSTSNFSE
TSAFMPVLKV VLTQANKLGV **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.**

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, Western Blot

Grade: custom-made

Target Details

Target: SEC31A

Alternative Name: SEC31A ([SEC31A Products](#))

Background: Protein transport protein Sec31A (ABP125) (ABP130) (SEC31-like protein 1) (SEC31-related

Target Details

protein A) (Web1-like protein),FUNCTION: Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER) (PubMed:10788476). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules (By similarity). {ECO:0000250|UniProtKB:Q9Z2Q1, ECO:0000269|PubMed:10788476}.

Molecular Weight: 133.0 kDa

UniProt: [O94979](#)

Pathways: [ER-Nucleus Signaling](#)

Application Details

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

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