

Datasheet for ABIN7563739
SEC31A Protein (AA 1-1230) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SEC31A
Protein Characteristics:	AA 1-1230
Origin:	Mouse
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 mammalien cells.
Sequence:	MKLKEIDRTA MQAWSPAQNH PIYLATGTSA QQLDATFSTN ASLEIFELDL SDPSLDMKSC ATFSSSHRYH KLIWGPHKMD SKGDVSGVLI AGGENGNIIL YDPSKIIAGD KEVVIAQKDK HTGPVRALDV NIFQTNLVAS GANESEIYW DLNNFATPMT PGAKTQPPED ISCIAWNRQV QHILASASPS GRATVWDLRK NEPIIKVSDH SNRMHCSGLA WHPDVATQMV LASEDDRLPV IQMWDLRFAS SPLRVLENHA RGILAVAWSM ADPELLLSCG KDAKILCSNP NTGEVLYELP TNTQWCFDIQ WCPRPNAVLS AASFDGRISV YSIMGGSIDG LRQKQVDKLS SSFGNLDPFQ TGQPLPPLQI PQQSAQHSIV LPLKKPPKWI RRPVGASFSF GGKLVTFESV AVPLQQGAEQ QRRQPVFISQ VVTEKDFLNR SAQLQHAVQS QGFIGYCQKK IEASQTEFEK NVWSFLKVN EEDSRGKYLE LLGYRKEDLG QKIALALNKV DGPDVALKDS DQVAQSDGEE SPAEEQLLG ERIKEEKQEC DFLPSAGGTF NISVSGDIDG LITRALLTGN FESAVDLCLH DNRMADAAIL AIAGGQELLA QTQKKYFAKS QSKITRLITA VVMKNWREIV ESCDLKNWRE ALAAVLTYAK

PDEFSALCDL LGTRLEREGD SLLRTQACLC YICAGNVERL VACWTKAQDG SSPLSLQDLI
EKVVILRKAV QLTQALDNT VGALLAEKMS QYASLLAAQG SIAAALFLP DNTNQPNIVQ
LRDRLCKAQQ KPVSGQESSQ SPYERQPLSK GRPGPVAGHS QMPRVQTQQY YPHGENPPPP
GFIMQGNVIP NPAAPLPTAP GHMPSQLPPY PQQPYQPAQ QYSFGTGGAA AYRPQQPVAP
PASNAYPNTP YISPVASYSG QPQMYTAQQA SSPTSSSAAS FPPPSSGASF QHGGPGAPPS
SSAYALPPGT TGTPPAASEL PASQRTEQNS FQDQASILEG PQNGWNDPPA LNRVPKKKKM
PENFMPPVPI TSPIMNPSGD PQSQGLQQP STPGLSSHA SFPQHLGG QPFHGVQQPL
AQTGMPPSFS KPNTGAPGA PIGNTIQHVQ ALPTEKITKK PIPEEHLIK TTFEDLIQRC
LSSATDPQTK RKLDDASKRL EFLYDKLREQ TLSPTIINGL HSIARSIETR NYSEGLSVHT
HIVSTSNFSE TSAFMPVLKV VLSQASKLGV **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](#))

Target Details

Background: Protein transport protein Sec31A (SEC31-like protein 1) (SEC31-related protein A),FUNCTION: Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER) (By similarity). 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:O94979, ECO:0000250|UniProtKB:Q9Z2Q1}.

Molecular Weight: 133.6 kDa

UniProt: [Q3UPL0](#)

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