

Datasheet for ABIN7558894
SEC62 Protein (AA 1-398) (His tag)



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Overview

Quantity:	1 mg
Target:	SEC62 (TLOC1)
Protein Characteristics:	AA 1-398
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEC62 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sec62 Protein expressed in mammalian cells.
Sequence:	MAERRRHKKR IQEVGEPske EKAVAKYLRf NCPTKSTNMM GHRVDYFIAS KAVECLLDSK WAKAKKGEDA LFTTRESVVD YCNRLKKQF FHRALKVMKM KYDKDVKKEK DKGKSESGKE DDKSKKESV KEEKTKKEKE KKKDGEKEDS KKEETPGTPK KKETKKKFKL EPHDDQVFLD GNEVFVWIYD PVHIKTFVMG LILVIAVIAA TLFPLWPAEM RVGVVYLSVG AGCFVASILL LAIARCILFL IWLITGGRH HFWFLPNLTA DVGfIDSRP LYTHEYKGPk ADLKKDEKSE TKKQKSDSE EKSDSEKKED EEGKGAPADH GPEGSGGERH SdTDSDRRED DRsqHSSGNG NDFEMITKEE LEQQTdGDcD EEDDDKdGEV PKSAHEKS 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.

Product Details

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:

SEC62 (TLOC1)

Alternative Name:

Sec62 ([TLOC1 Products](#))

Background:

Translocation protein SEC62 (Translocation protein 1) (TP-1),FUNCTION: Mediates post-translational transport of precursor polypeptides across endoplasmic reticulum (ER). Proposed to act as a targeting receptor for small presecretory proteins containing short and apolar signal peptides. Targets and properly positions newly synthesized presecretory proteins into the SEC61 channel-forming translocon complex, triggering channel opening for polypeptide translocation to the ER lumen. {ECO:0000250|UniProtKB:Q99442}.

Molecular Weight:

45.6 kDa

UniProt:

[Q8BU14](#)

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.

Application Details

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