

Product datasheet

Recombinant Human SEC63 protein ab161362

1 Image

Overview

<b>Product name</b>	Recombinant Human SEC63 protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

Amino Acid Sequence

<b>Species</b>	Human
<b>Sequence</b>	KSKITHPVYSLYFPEEKQEWWWLYADRKEQTLISMPYHVCTLKDTEEVE LKFPAPGKPGNYQYTVFLRSDSYMGLDQIKPLKLEVHEAKPVPENHPQ
<b>Amino acids</b>	631 to 728
<b>Tags</b>	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161362** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

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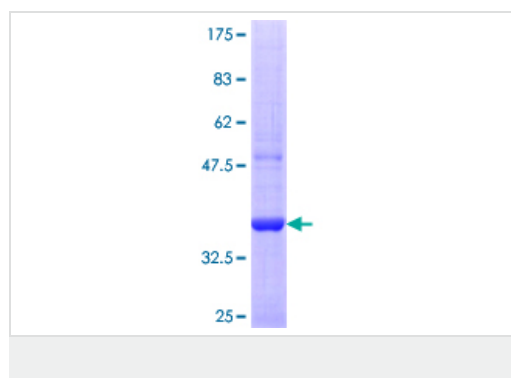
**Relevance**

SEC63 and SEC62 proteins are found to be associated with the ribosome-free SEC61 complex, which is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. It is speculated that Sec61-Sec62-Sec63 may perform post-translational protein translocation into the ER. The Sec61-Sec62-Sec63 complex might also perform the backward transport of ER proteins that are subject to the ubiquitin-proteasome-dependent degradation pathway. Mutations in SEC63 cause autosomal dominant polycystic liver disease.

**Cellular localization**

Endoplasmic reticulum membrane; Multi pass membrane protein.

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**Images**

ab161362 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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