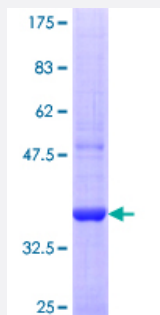


SEC63 (Human) Recombinant Protein (Q01)

Catalog # H00011231-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEC63 partial ORF (NP_009145.1, 631 a.a. - 728 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KSKITHPVYSLYFPEEKQEWWWLYADRKEQTLISMPYHVCTLKDTEEEVELKFPAPGKPGNYQYTV FLRSDSYMGLDQIKPLKLEVHEAKVPENHPQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (96); Rat (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SEC63

Entrez GeneID [11231](#)

GeneBank Accession# [NM_007214](#)

Protein Accession# [NP_009145.1](#)

Gene Name SEC63

Gene Alias ERdj2, PRO2507, SEC63L

Gene Description SEC63 homolog (S. cerevisiae)

Omim ID [174050](#) [608648](#)

Gene Ontology [Hyperlink](#)

Gene Summary The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. The protein encoded by this gene and SEC62 protein are found to be associated with ribosome-free SEC61 complex. 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. The encoded protein is an integral membrane protein located in the rough ER. [provided by RefSeq]

Other Designations OTTHUMP00000016937|SEC63-like|SEC63-like protein

Disease

- [Cysts](#)
- [Liver Diseases](#)