

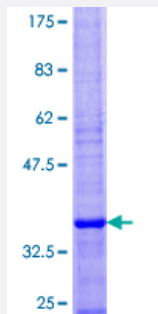
Full-Length

SEC61B (Human) Recombinant Protein (P01)

Catalog # H00010952-P01

Size 25 ug, 10 ug

Applications



Specification

| | |
|--------------------------------------|---|
| Product Description | Human SEC61B full-length ORF (NP_006799.1, 1 a.a. - 96 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | MPGPTPSGTNVGSSGRSPSKAVAARAAGSTVRQRKNASCGTRSAGRTTSAGTGGMWRFYTED SPGLKVGPPVPLVMSLLFIASVFMLHWGKYTRS |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 36.4 |
| Interspecies Antigen Sequence | Mouse (98); Rat (98) |
| 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 — SEC61B

| | |
|---------------------|---|
| Entrez GeneID | 10952 |
| GeneBank Accession# | NM_006808.2 |
| Protein Accession# | NP_006799.1 |
| Gene Name | SEC61B |
| Gene Alias | - |
| Gene Description | Sec61 beta subunit |
| Omim ID | 609214 |
| Gene Ontology | Hyperlink |
| Gene Summary | The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. Oligomers of the Sec61 complex form a transmembrane channel where proteins are translocated across and integrated into the ER membrane. This complex consists of three membrane proteins- alpha, beta, and gamma. This gene encodes the beta-subunit protein. The Sec61 subunits are also observed in the post-ER compartment, suggesting that these proteins can escape the ER and recycle back. There is evidence for multiple polyadenylated sites for this transcript. [provided by RefSeq] |
| Other Designations | OTTHUMP00000021784 Sec61 complex, beta subunit protein translocation complex beta protein transport protein SEC61 beta subunit |

Pathway

- [Vibrio cholerae infection](#)