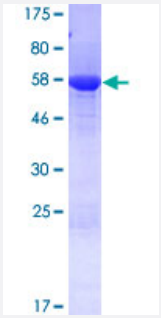
Full-Length

# SEC13 (Human) Recombinant Protein (P02)

Catalog # H00006396-P02 Size 25 ug, 10 ug

## Applications




## Specification

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|---|---|
| **Product Description** | Human SEC13 full-length ORF ( NP_899195.1, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | MVSVINTVDTSHEDMIHDAQMDYYGTRLATCSSDRSVKIFDVRNGGQILIADLRGHEGPVWQVAW AHPMYGNILASCSYDRKVIIWREENGTWEKSHEHAGHDSSVNSVCWAPHDYGLILACGSSDGAIS LLTYTGEGQWEVKKINNAHTIGCNAVSWAPAVVPGSLIDHPSGQKPNYIKRFASGGCDNLIKLWKE EEDGQWKEEQKLEAHSDWVRDVAWAPSIGLPTSTIASCSQDGRVFIWTCDDASSNTWSPKLLH KFNDVVWHVSWSITANILAVSGGDNKVTLWKESVDGQWVCISDVNKGQGSVSASVTEGQQNEQ |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 61.9 |
| **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 — SEC13

| | |
|---|---|
| **Entrez GeneID** | 6396 |
| **GeneBank Accession#** | NM_183352.1 |
| **Protein Accession#** | NP_899195.1 |
| **Gene Name** | SEC13 |
| **Gene Alias** | D3S1231E, SEC13L1, SEC13R, npp-20 |
| **Gene Description** | SEC13 homolog (S. cerevisiae) |
| **Omim ID** | 600152 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene belongs to the SEC13 family of WD-repeat proteins. It is a cons tituent of the endoplasmic reticulum and the nuclear pore complex. It has similarity to the yeast SE C13 protein, which is required for vesicle biogenesis from endoplasmic reticulum during the trans port of proteins. Multiple alternatively spliced transcript variants have been found. [provided by Ref Seq |
| **Other Designations** | SEC13 protein\|SEC13-like 1 isoform\|SEC13-related protein |

## Disease

- Kidney Failure