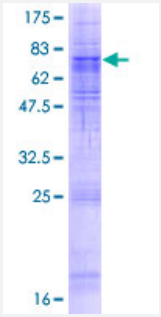
Full-Length

SEC61A2 (Human) Recombinant Protein (P01)

Catalog # H00055176-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEC61A2 full-length ORF (NP_060614.2, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGIKFLEVIKPFCAVLPEIQKPERKIQFREKVLWTAITLFIFLVCCQIPLFGIMSSDSADPFYWMRVIL ASNRGTLMELGISPIVTSGLIMQLLAGAKIIEVGDTPKDRALFNGAQKLFGMIITIGQAIVYVMTGMYG DPAEMGAGICLLIIQLFVAGLIVLLLDELLQKGYGLGSGISLFIATNICETIVWKAFSPTTINTGRGTEF EGAVIALFHLLATRTDKVRALREAFYRQNLPNLMNLIATVFVFAVVIYFQGFRVDLPIKSARYRGQYS SYPIKLFYTSNIPIILQSALVSNLYVISQMLSVRFSGNFLVNLLGQWADVSGGGPARSYPVGGLCYYL SPPESMGAIFEDPVHVVVYIIFMLGSCAFFSKTWIEVSGSSAKDVAKQLKEQQMVMRGHRDTSM VHELNRYIPTAAAFGGLCIGALSVLADFLGAIGSGTGILLAVTIIYQYFEIFVKEQAEVGGMGALFF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	78.6
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 — SEC61A2

Entrez GeneID	55176
GeneBank Accession#	NM_018144.2
Protein Accession#	NP_060614.2
Gene Name	SEC61A2
Gene Alias	FLJ10578
Gene Description	Sec61 alpha 2 subunit (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene has similarity to a mouse protein which suggests a role in the in sertion of secretory and membrane polypeptides into the endoplasmic reticulum. It may also be re quired for the assembly of membrane and secretory proteins. Alternative splicing results in multipl e transcript variants. [provided by RefSeq
Other Designations	Sec61 alpha form 2

Pathway

- Vibrio cholerae infection

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease