

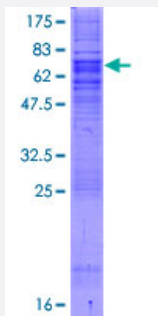
Full-Length

SEC61A1 (Human) Recombinant Protein (P01)

Catalog # H00029927-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SEC61A1 full-length ORF (AAH02951.1, 1 a.a. - 423 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSDSADPFYWVRVILASNRGTLMELGSPVTSGLIMQLLAGAKIIEVGDTPKDRALFNGAQKLFG
MIITIGQSNVYVMTGMYGDPSEMGAGICLLITIQLFVAGLMVLLDELLQKGYGLGSGISLFATNICETIV
WKAFSPTTVNTGRGMEFEGAIILFHLLATRTDKVRALREAFYRQNLPLNMNLIATIFVFAVVIYFQG
FRVDLPIKSARYRGQYNTYPIKLFYTSNIPILQSALVSNLYVISQMLSARFSGNLLVSLGTWSDTSS
GGPARAYPVGGLCYLSPPEFSGSVLEDPVHAVVYVFM LGSCAFFSKTWIEVSGSSAKDVAQK
LKEQQMVMRGHRETSMVHELNRYIPTAAAFGGLCIGALSVLADFLGAIGSGTGILLAVTIYQYFEIFV
KEQSEVGSMGALLF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.4

Interspecies Antigen Sequence

Mouse (100); Rat (100)

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 — SEC61A1

Entrez GeneID	29927
GeneBank Accession#	BC002951.1
Protein Accession#	AAH02951.1
Gene Name	SEC61A1
Gene Alias	HSEC61, SEC61, SEC61A
Gene Description	Sec61 alpha 1 subunit (S. cerevisiae)
Omim ID	609213
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the SECY/SEC61- alpha family. It appears to play a crucial role in the insertion of secretory and membrane polypeptides into the endoplasmic reticulum. This protein found to be tightly associated with membrane-bound ribosomes, either directly or through adaptor proteins. This gene encodes an alpha subunit of the heteromeric SEC61 complex, which also contains beta and gamma subunits. [provided by RefSeq]
Other Designations	Sec61 alpha 1 subunit Sec61 alpha-1 protein transport protein SEC61 alpha subunit sec61 homolog

Pathway

- [Vibrio cholerae infection](#)