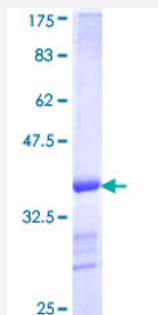


VPS35 (Human) Recombinant Protein (Q01)

Catalog # H00055737-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VPS35 partial ORF (NP_060676, 697 a.a. - 796 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MECLKKALKIANQCMDPSLQVQLFIEILNRYIFYEKENDAVTIQVLNQLIQKIREDLPNLESSEETEQI NKHFHNTLEHLRLRRESPESEGPIYEGIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — VPS35

Entrez GeneID [55737](#)

GeneBank Accession# [NM_018206](#)

Protein Accession# [NP_060676](#)

Gene Name VPS35

Gene Alias DKFZp434E1211, DKFZp434P1672, FLJ10752, FLJ13588, FLJ20388, MEM3

Gene Description vacuolar protein sorting 35 homolog (S. cerevisiae)

Omim ID [606931](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. [provided by RefSeq]

Other Designations maternal-embryonic 3|vacuolar protein sorting 35