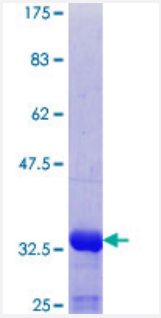
VPS16 (Human) Recombinant Protein (Q01)

Catalog # H00064601-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VPS16 partial ORF (NP_072097.2, 754 a.a. - 839 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IGYLPFVEICMKQHNKYEAKKYASRVGPEQKVKALLLVGDVAQAADVAIEHRNEAELSLVLSHCTG ATDGATADKIQRARAQAQKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.2
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 — VPS16

Entrez GeneID	64601
GeneBank Accession#	NM_022575
Protein Accession#	NP_072097.2
Gene Name	VPS16
Gene Alias	hVPS16
Gene Description	vacuolar protein sorting 16 homolog (S. cerevisiae)
Omim ID	608550
Gene Ontology	Hyperlink
Gene Summary	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules i nto distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sort ing (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps16 protein. The mammalian class C Vps proteins are predominantly associat ed with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle traffick ing steps in the endosome/lysosome pathway. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000030048|vacuolar protein sorting 16|vacuolar protein sorting protein 16