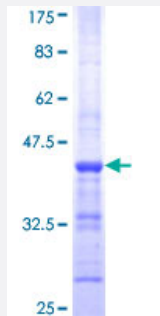


VPS11 (Human) Recombinant Protein (Q01)

Catalog # H00055823-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VPS11 partial ORF (NP_068375, 842 a.a. - 941 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FHQHCFESYSESDADCPTCLPENRKVMDMIRAQEQKRDLHDQFQHQQLRCSNDSFSVIADYFGR GVFNKLTLTDPPTARLTSSLEAGLQRDLLMHSRRGT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — VPS11

Entrez GeneID [55823](#)

GeneBank Accession# [NM_021729](#)

Protein Accession# [NP_068375](#)

Gene Name VPS11

Gene Alias END1, PEP5, RNF108, hVPS11

Gene Description vacuolar protein sorting 11 homolog (S. cerevisiae)

Omim ID [608549](#)

Gene Ontology [Hyperlink](#)

Gene Summary Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps11 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. [provided by RefSeq]

Other Designations vacuolar protein sorting 11|vacuolar protein sorting protein 11

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)