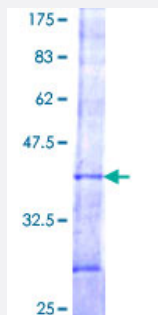


VPS52 (Human) Recombinant Protein (Q01)

Catalog # H00006293-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VPS52 partial ORF (NP_542131, 625 a.a. - 723 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RGQAERLRGEEARVTQLIRGFGSSWKSSVESLSQDVMRSFTNFRNGTSIIQGALTQLIQLYHRFHR VLSQPQLRALPARAELINIHLMVELKKHKPNF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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 — VPS52

Entrez GeneID [6293](#)

GeneBank Accession# [NM_080564](#)

Protein Accession# [NP_542131](#)

Gene Name VPS52

Gene Alias ARE1, DKFZp547I194, RP5-1033B10, SAC2, SACM2L, dJ1033B10.5

Gene Description vacuolar protein sorting 52 homolog (S. cerevisiae)

Omim ID [603443](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is similar to the yeast suppressor of actin mutations 2 gene. The yeast protein forms a subunit of the tetrameric Golgi-associated retrograde protein complex that is involved in vesicle trafficking from both early and late endosomes, back to the trans-Golgi network. This gene is located on chromosome 6 in a head-to-head orientation with the gene encoding ribosomal protein S18. [provided by RefSeq]

Other Designations SAC2 suppressor of actin mutations 2-like|vacuolar protein sorting 52

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Oligospermia](#)

- [Prostate cancer](#)
- [Prostatic Neoplasms](#)