

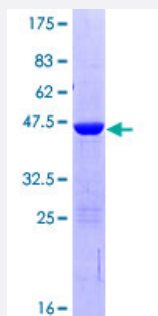
Full-Length

# VPS29 (Human) Recombinant Protein (P01)

Catalog # H00051699-P01

Size 25 ug, 10 ug

## Applications



## Specification

Product Description	Human VPS29 full-length ORF ( NP_057310.1, 1 a.a. - 182 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLVLVLGDLHIPHCNSLPAKFKKLLVPGKIQHILCTGNLCTKESYDYLKTLAGDVHIVRGDFDENL NYPEQKVVTVGQFKIGLIHGHQVIPWGDMA SLALLQRQFDVDILISGHTHKFEAFEHENKFYINPGS ATGAYNALETNIIPSFVLMDIQASTVVTVYQLIGDDVKVERIEYKKP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.9
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
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 — VPS29

Entrez GeneID [51699](#)

GeneBank Accession# [NM\\_016226.2](#)

Protein Accession# [NP\\_057310.1](#)

Gene Name VPS29

Gene Alias DC15, DC7, DKFZp564F0223, FLJ20492, PEP11

Gene Description vacuolar protein sorting 29 homolog (S. cerevisiae)

Omim ID [606932](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms, and usage of multiple polyadenylation sites have been found for this gene. [provided by RefSeq]

**Other Designations** retromer protein|vacuolar protein sorting 29|vacuolar sorting protein VPS29/PEP11|x 007 protein