

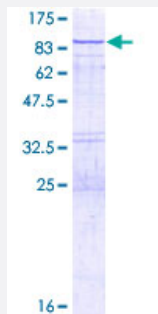
Full-Length

VPS33A (Human) Recombinant Protein (P01)

Catalog # H00065082-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human VPS33A full-length ORF (NP_075067.2, 1 a.a. - 596 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAHLSYGRVNLNVLREAVRRELREFLDKAGSKANWDEYLTGPFGLIAQYSLLKEHEVEKMF
LKGNRLPAADVKNIIFFVRPRLELMDIAENVLSEDRRGPTRDFHILFVPRRSLCEQRLKDLGVLG
SFIHREEYSLDIPFDGDLMSMESEGAFKECYLEGDQTSLYHAAKGLMTLQALYGTIPQIFGKGECA
RQVANMMIRMKREFTGSQNSIFPVFDNLLLLDRNVDLLTPLATQLTYEGLIDEYGIQNSYVKLPPEK
FAPKKQGDGGKDLPTAEAKKLQLNSAEELYAEIRDKNFNAVGSVLSKKAKIISAAFEERHNAKTVG
EIKQFVSQPLPHMQAARGSLANHTSIAELIKDVTTSSEDFDKLTVEQEFMSGIDTDKVNYYIEDCIAQ
KHSLIKVLRVLVCLQSVCSNGLKQKVLDDYKREILQTYGYEHILTLHNLEKAGLLKPQTGGRNNYPTIR
KTLRLWMDDVNEQNPTDISYVYSGYAPLSVRLAQLLSRPGWRSIEEVLRLPGPHFEERQPLPTGL
QKKRQPGENRVTLIFFLGGVTFAEIAALRFLSQLEDGGTEYVIATTKLMNGTSWIEALMEKPF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

94

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 — VPS33A

Entrez GeneID[65082](#)**GeneBank Accession#**[NM_022916.4](#)**Protein Accession#**[NP_075067.2](#)**Gene Name**

VPS33A

Gene Alias

FLJ22395, FLJ23187

Gene Description

vacuolar protein sorting 33 homolog A (S. cerevisiae)

Omim ID[610034](#)**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 is a member of the Sec-1 domain family, and it encodes a protein similar to the yeast class C Vps33 protein. The mammalian class C VPS proteins are predominantly associated with late endosomes/lysosomes, and like the yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. [provided by RefSeq]

Other Designations

vacuolar protein sorting 33A