

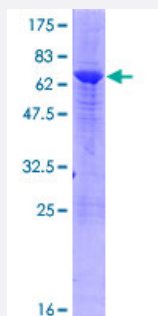
Full-Length

# VPS26A (Human) Recombinant Protein (P01)

Catalog # H00009559-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human VPS26A full-length ORF ( NP\_004887.2, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MSFLGGFFGPICEIDVLNDGETRKMAEMKTEDGKVEKHYLFYDGESVSGKVNLAFAKQPGKRLEH  
QGRIEFVGGIQLFNDKSNTHFVNLVKELALPGELTQSRSYDFEFMQVEKPYESYIGANVRLRYFL  
KVTIVRRLTDLVKEYDLVHQLATYPDVNNSIKMEVGIEDCLHIEFEYNKSKYHLKDVIVGKIYFLLVRI  
KIQHMELQLIKKEITGIGPSTTTETETIAKYEIMDGAPVKGESIPRLFLAGYDPTPTMRDVNKKFSVRY  
FLNLVLVDEEDRRYFKQQEILLWRKAPEKLRKQRTNFHQRFESPESQASAEQPEM

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

64.6

### 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 — VPS26A

Entrez GeneID [9559](#)

GeneBank Accession# [NM\\_004896.3](#)

Protein Accession# [NP\\_004887.2](#)

Gene Name VPS26A

Gene Alias FLJ12930, HB58, Hbeta58, PEP8A, VPS26

Gene Description vacuolar protein sorting 26 homolog A (S. pombe)

Omim ID [605506](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations** OTTHUMP00000019721|vacuolar protein sorting 26 A

## Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)

- [Urinary Bladder Neoplasms](#)