

Recombinant Full Length Human VPS26A Protein, C-Flag-tagged

Cat. No. VPS26A-2190HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human VPS26A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38 kDa
AA Sequence	MSFLGGFFGPICEIDIVLNDGETRKMAEMKTEDGKVEKHLYFYDGESVSGKVNLAFFK QPGKRLEHQGIRI EFVGQIELFNDKSNTHFVNLVKELALPGELTQSRSYDFEFMQV EKPYESYIGANVRLRYFLKVTIVRRL TDLVKEYDLIVHQLATYPDVNNSIKMEVGIEDC LHIEFEYNKSKYHLKDVIVGKIYFLLVRIKIQHMELQ LIKKEITGIGPSTTTETETIAKYEI

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MDGAPVKGESIPIRLFLAGYDPTPTMRDVNKKFSVRYFLNLVLVD EEDRRYFKQQEI
ILWRKAPEKLRKQRTNFHQRFESPESQASAEQPEM TRTRPLEQKLISEEDLAANDIL
DYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	VPS26A VPS26 retromer complex component A [Homo sapiens (human)]
Official Symbol	VPS26A
Synonyms	HB58; PEP8A; VPS26; Hbeta58
Gene ID	9559
mRNA Refseq	NM_004896.5
Protein Refseq	NP_004887.2

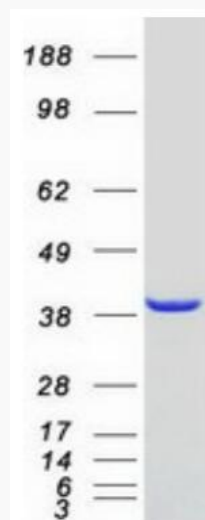
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MIM 605506

UniProt ID O75436



Coomassie blue staining of purified VPS26A protein.

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