Recombinant Human VPS26A Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. VPS26A-200H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VPS26A MS Standard C13 and N15-labeled recombinant protein (NP_004887) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Jul 2008]
Molecular Mass	38.2 kDa
AA Sequence	MSFLGGFFGPICEIDIVLNDGETRKMAEMKTEDGKVEKHYLFYDGESVSGKVNLAFK QPGKRLEHQGIRIEFVGQIELFNDKSNTHEFVNLVKELALPGELTQSRSYDFEFMQV EKPYESYIGANVRLRYFLKVTIVRRLTDLVKEYDLIVHQLATYPDVNNSIKMEVGIEDC LHIEFEYNKSKYHLKDVIVGKIYFLLVRIKIQHMELQLIKKEITGIGPSTTTETETIAKYEI MDGAPVKGESIPIRLFLAGYDPTPTMRDVNKKFSVRYFLNLVLVDEEDRRYFKQQEII

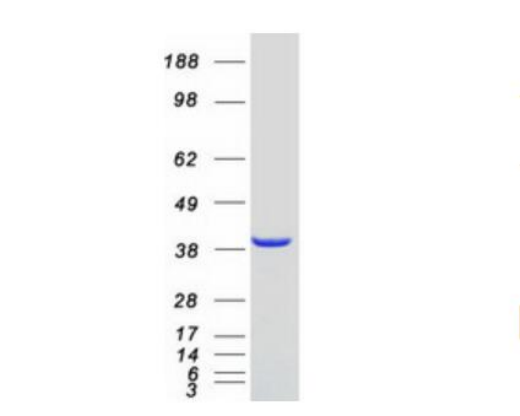
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	LWRKAPEKLRKQRTNFHQRFESPESQASAEQPEMTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	VPS26A vacuolar protein sorting 26 homolog A (S. pombe) [Homo sapiens (human)]
Official Symbol	VPS26A
Synonyms	VPS26A; vacuolar protein sorting 26 homolog A (S. pombe); vacuolar protein sorting 26 (yeast homolog), vacuolar protein sorting 26 (yeast), vacuolar protein sorting 26 homolog A (yeast), VPS26; vacuolar protein sorting-associated protein 26A; Hbeta58; PEP8A; vesicle protein sorting 26A; HB58; VPS26; FLJ12930;
Gene ID	9559
mRNA Refseq	NM_004896
Protein Refseq	NP_004887

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MIM	605506
UniProt ID	O75436
SDS-PAGE	

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