Recombinant Human Vacuolar Protein Sorting 26 Homolog A (S. pombe), His-tagged

Cat. No. VPS26A-6954H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VPS26A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-327aa
Description	VPS26A is essential component of the retromer complex, a complex required to retrieve lysosomal enzyme receptors (IGF2R and M6PR) from endosomes to the trans-Golgi network. Also this protein is required to regulate transcytosis of the polymeric immunoglobulin receptor (pIgR-pIgA).
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.15M NaCl.
Molecular Mass	40.6 kDa (350aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSFLGGF FGPICEIDIV LNDGETRKMA EMKTEDGKVE KHYLFYDGES VSGKVNLAFK QPGKRLEHQG IRIEFVGQIE LFNDKSNTHE FVNLVKELAL PGELTQSRSY DFEFMQVEKP YESYIGANVR LRYFLKVTIV RRLTDLVKEY DLIVHQLATY PDVNNSIKME VGIEDCLHIE FEYNKSKYHL KDVIVGKIYF LLVRIKIQHM ELQLIKKEIT GIGPSTTTET ETIAKYEIMD GAPVKGESIP IRLFLAGYDP TPTMRDVNKK FSVRYFLNLV

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	LVDEEDRRYF KQQEIILWRK APEKLRKQRT NFHQRFESPE SQASAEQPEM
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	VPS26A vacuolar protein sorting 26 homolog A (S. pombe) [Homo sapiens]
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_001035260
Protein Refseq	NP_001030337
MIM	605506
UniProt ID	O75436

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Chromosome Location	10q21.1
Function	protein binding; protein transporter activity;

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