9051 Mira Mesa Blvd, #910094
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VPS26A Human

Vacuolar Protein Sorting 26A Human Recombinant
RCP2558

Product Overview

Name	VPS26A Human
Description	
Vacuolar Protein Sorting 26A Human Recombinant	
Accession (Primary)	O75436
Synonyms	
Vacuolar protein sorting-associated protein 26A, Vesicle protein sorting 26A, hVPS26, VPS26A, VPS26, HB58, PEP8A, Hbeta58.	
Introduction	
Vacuolar protein sorting-associated protein 26A (VPS26A) is a vital element of the retromer complex, which is required to recover lysosomal enzyme receptors (IGF2R and M6PR) from endosomes to the trans-Golgi network. Furthermore, VPS26A is essential in the regulation of transcytosis of the polymeric immunoglobulin receptor (pIgR-pIgA). Expression analysis in yeast and mammalian cells reveal that VPS26A interacts directly with VPS35 that functions as the core of the retromer complex.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
VPS26A protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.15M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSFLGGF FGPICEIDIV LNDGETRKMA EMKTEDGKVE KHYLFYDGES VSGKVNLAFK QPGKRLEHQG IRIEFVGQIE LFNDKSNTHE FVNLVKELAL PGELTQSRSY DFEFMQVEKP YESYIGANVR LRYFLKVTIV RRLTDLVKEY DLIVHQLATY PDVNNSIKME VGIEDCLHIE FEYNKSKYHL KDVIVGKIYF	

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LLVRIKIQHM ELQLIKKEIT GIGPSTTTET ETIAKYEIMD GAPVKGESIP IRLFLAGYDP TPTMRDVNKK FSVRYFLNLV LVDEEDRRYF KQQEIILWRK APEKLRKQRT NFHQRFESPE SQASAEQPEM.

Precautions

VPS26A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O75436)