

AR50466PU-S**Human VPS26A (1-327, His-tag) - Purified**

Alternate names:	VPS26, Vacuolar protein sorting-associated protein 26A, Vesicle protein sorting 26A
Quantity:	20 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	VPS26A, also known as vacuolar protein sorting-associated protein 26A, 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).
Uniprot ID:	O75436
NCBI:	NP_004887.2
GeneID:	9559
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.15M NaCl
Description:	Recombinant human VPS26A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMSFLGGF FGPICEIDIV LNDGETRKMA EMKTEDGKVE KHYLFYDGES VSGKVNLA FK QPGKRLEHQG IRIEFVQGIE LFNDKSN THE FVNLVKELAL PGELTQSR SY DFEFMQVEKP YESYIGANVR LRYFLKVTIV RRLTDLVKEY DLIVHQLATY PDVNNSIKME VGIEDCLHIE FEYNKSKYHL KDVI VGKIYF LLVRIKI QHM ELQLIKKEIT GIGPSTTTET ETIAKYEIMD GAPVKGESIP IRLFLAGYDP TPTMRDVNKK FSVRYFLNLV LVDEEDRRYF KQQEII LWRK APEKLRKQRT NFHQRFESPE SQASAEQPEM Molecular weight: 40.6 kDa (350aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Verges M., et al. (2004) Nat. Cell Biol. 6:763-769 Gullapalli A., et al. (2006) Mol. Biol. Cell. 17:1228-1238

Pictures:

