

32-5233: Recombinant Human Vacuolar Protein Sorting 26A

Alternative Name : Vacuolar protein sorting-associated protein 26A, Vesicle protein sorting 26A, hVPS26, VPS26A, VPS26, HB58, PEP8A, Hbeta58.

Description

Source : E.coli. VPS26A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 350 amino acids (1-327 a.a) and having a molecular mass of 40.6kDa. VPS26A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 10 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : VPS26A protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.15M NaCl.
Storage condition : 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.
Amino Acid : MGSSHHHHH SGLVPRGSH MGSM SFLGGF FGPICEIDIV LNDGETRKMA EMKTEDGKVE
KHYLFYDGES VSGKVNLFK QPGKRLEHQG IRIEFVQGIE LFNDKSN THE FVNLVKELAL
PGELTQSR SY DFEFMQVEKP YESYIGANVR LRYFLKVTIV RRLTDLVKEY DLIVHQLATY
PDVNNSIKME VGIEDCLHIE FEYNKSKYHL KDVI VGIYF LLVRIKIQHM ELQLIKKEIT
GIGPSTTTET ETIAKYEIMD GAPVKGESIP IRLFLAGYDP TPTMRDVNKK FSVRYFLNLV
LVDEEDRRYF KQQEIILWRK APEKLRKQRT NFKRQRFESPE SQASAEQPEM.

