

## 32-5230: Recombinant Human Vacuolar Protein Sorting 4 Homolog B

**Alternative Name :** Vacuolar Protein Sorting 4 Homolog B (S. Cerevisiae),SKD1,Suppressor Of K+ Transport Defect 1,Cell Migration-Inducing Gene 1 Protein,Suppressor Of K(+) Transport Growth Defect 1,Vacuolar Protein Sorting 4B (Yeast),SKD1B,PS4-2,Cell Migration-In

### Description

Source : E.coli. VPS4B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 468 amino acids (1-444 a.a) and having a molecular mass of 51.8kDa. VPS4B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Vacuolar protein sorting-associated protein 4B (VPS4B) is a member of the AAA (ATPases associated with diverse cellular activities) family. VPS4B is involved in late steps of the endosomal multivesicular bodies (MVB) pathway and recognizes membrane-associated ESCRT-III assemblies and catalyzes their disassembly, probably in combination with membrane fission. A dominant negative mutant of VPS4B inhibits vacuolar protein sorting and also arrest HIV-1 and MLV budding.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** VPS4B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol, 1mM DTT.  
**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 :** MGSSHHHHHH SSGLVPRGSH MGSMSSTSP NLQKAILAS KAAQEDKAGN YEEALQLYQH  
AVQYFLHVVK YEAQGDKAKQ SIRAKCTEYL DRAEKLKEYL KNKEKKAQKP VKEGQPSPAD EKGNDSDGEG  
ESDDPEKKKL QNQLQGAIVI ERPNVKWSDV AGLEGAKEAL KEAVILPIKF PHLFTGKRTP WRGILLFGPP  
GTGKSYLAKA VATEANNSTF FSISSDLVS KWLGESEKLV KNLFQLAREN KPSIIFIDEI DSLCGSRSEN  
ESEAAARRIKT EFLVQMVG VG VDNDGILVLG ATNIPWVLDS AIRRRFEKRI YIPLPEPHAR AAMFKLHLGT  
TQNSLTEADF RELGRKTDGY SGADISIIVR DALMQPVRKV QSATHFKKVR GPSRADPNHL VDDLLTPCSP  
GDPGAIEMTW MDVPGDKLLE PVSMSDMLR SLSNTKPTVN EHDLLKLLKF TEDFGQEG.