

Vacuolar Protein Sorting 4 Homolog B Human Recombinant

Item Number	rAP-5053
Synonyms	Vacuolar Protein Sorting 4 Homolog B (<i>S. Cerevisiae</i>), 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-Inducin
Description	VPS4B Human Recombinant produced in <i>E. Coli</i> 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.
Uniprot Accesion Number	O75351
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSSTSP NLQKAIDLAS KAAQEDKAGN YEEALQLYQH AVQYFLHVVK YEAQGDKAKQ SIRAKCTEYL DRAEKLKEYL KNKEKKAQKP VKEGQPSPAD EKGNDSDGEG ESDDPEKKKL QNQLQGAI VI ERPNVKWSDV AGLEGAKEAL KEAVILPIKF PHLFT- GKRTP WRGILLFGPP GTGKSYLAKA VATEANNSTF FSISSSDLVS KWLGESEKLV KNLFQLAREN KPSI- IFIDEI DSLCGSRSEN ESEAARRIKT EFLVQMGGVG VDNDGILVLG ATNIPWVLDS AIRRRFEKRI YIPL- PEPHAR AAMFKLHLGT TQNSLTEADF RELGRKTDGY SGADISIIVR DALMQPVRKV QSATHFKKVR
Source	<i>E. coli</i> .
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	VPS4B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol, 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**