

VPS4B recombinant protein

VPS4B, 1-444aa, Human, His tag, E Coli

CATALOG # AAA48855	HOST E Coli	APPLICATIONS SDS-Page
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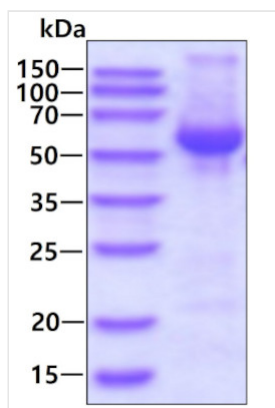
PRODUCT SYNONYMS

VPS4B; 1-444aa; Human; His tag; E Coli; Vacuolar protein sorting-associated protein 4B; MIG1; SKD1; SKD1B; VPS4-2; VPS4B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT
Concentration	0.25mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSSTSP NLQKAIDLAS KAAQEDKAGN YEEALQLYQH AVQYFLHVVK YEAQGDkakQ SIRAKTEYL DRAEKLKEYL KNKEKKAQKP VKEGQPSPAD EKGNDSDGEG ESDDPEKKKL QNQLQGAIVI ERPNVKWSDV AGLEGAKEAL KEAVILPIKF PHLFTGKRTP WRGILLFGPP GTGKSYLAKA VATEANNSTF FSISSSLVLS KWLGESEKLV KNLFQLAREN KPSIIFIDEI DSLCGSRSEN ESEAARRIKT EFLVQMGGVG VDNDGILVLG ATNIPWVLDL AIRRRFEKRI YIPLPEPHAR AAMFKLHLGT TQNSLTEADF RELGRKTDGY SGADISIIVR DALMQPVRKV QSATHFKKVR GPSRADPNHL VDDLLTPCSP GDPGAIENTW MDVPGDKLLE PVVMSDMLR SLSNTKPTVN EHDLLKLKKF TEDFGQEG
Sequence Length	444
Applicable Applications for VPS4B recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Store at 2-8°C for a week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for VPS4B recombinant protein	Vacuolar protein sorting-associated protein 4B, also known as VPS4B, belongs to the AAA (ATPases associated with diverse cellular activities) family. It is involved in late steps of the endosomal multivesicular bodies (MVB) pathway and recognizes membrane-associated ESCRT-III assemblies and catalyzes their disassembly, possibly in combination with membrane fission. Dominant negative mutant of VPS4B inhibit vacuolar protein sorting and also arrest HIV-1 and MLV budding. Recombinant human VPS4B protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for VPS4B recombinant protein	Signal Transduction
References	Scheuring S., et al. (2001) J Mol Biol. 312:469-480.; Perez O D., et al. (2001) Immunity. 15:687-690

NCBI AND UNIPROT INFORMATION

NCBI GI #	17865802
NCBI GeneID	9525
NCBI Accession #	NP_004860.2
NCBI GenBank Nucleotide #	NM_004869.3
UniProt Accession #	O75351 ; Q69HW4 ; Q9GZS7
Molecular Weight	51.8 kDa (468aa)
NCBI Official Full Name	vacuolar protein sorting-associated protein 4B
NCBI Official Synonym Full Names	vacuolar protein sorting 4 homolog B
NCBI Official Symbol	VPS4B
NCBI Official Synonym Symbols	MIG1; SKD1; SKD1B; VPS4-2
NCBI Protein Information	vacuolar protein sorting-associated protein 4B
UniProt Protein Name	Vacuolar protein sorting-associated protein 4B
UniProt Gene Name	VPS4B
UniProt Synonym Gene Names	SKD1; VPS42; Protein SKD1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.