

Datasheet for ABIN5853272
VPS4B Protein (AA 1-444) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	VPS4B (vps4b)
Protein Characteristics:	AA 1-444
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VPS4B protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMSSTSP NLQKAIDLAS KAAQEDKAGN YEEALQLYQH AVQYFLHVVK YEAQGDKAKQ SIRAKCTEYL DRAEKLKEYL KNKEKKAQKP VKEGQPSPAD EKGNDSDGEG ESDDPEKKKL QNQLQGAIVI ERPNVKWSDV AGLEGAKEAL KEAVILPIKF PHLFTGKRTP WRGILLFGPP GTGKSYLAKA VATEANNSTF FSISSSDLVS KWLGESEKLV KNLFLQAREN KPSIIFIDEI DSLCGSRSEN ESEAARRIKT EFLVQMGGVG VDNDGILVLG ATNIPWVLDS AIRRRFEKRI YIPLPEPHAR AAMFKLHLGT TQNSLTEADF RELGRKTDGY SGADISIIVR DALMQPVRKV QSATHFKKVR GPSRADPNHL VDDLLTPCSP GDPGAIEMTW MDVPGDKLLE PVVMSDMLR SLSNTKPTVN EHDLLKLLKF TEDFGQEG
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	VPS4B (vps4b)
---------	---------------

Target Details

Alternative Name: [VPS4B \(vps4b Products\)](#)

Background: 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.

Molecular Weight: 51.8 kDa (468aa)

NCBI Accession: [NP_004860](#)

UniProt: [O75351](#)

Pathways: [Microtubule Dynamics, CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

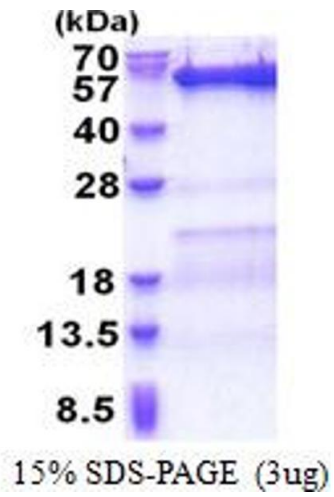
Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30 % glycerol, 1 mM DTT

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.