

Recombinant Human VPS33B, His-tagged

Cat. No. VPS33B-31739TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 406-562 of Human VPS33B with N terminal His tag; MWt 18kDa.
Species	Human
Source	E.coli
ProteinLength	406-562 a.a.
Description	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec-1 domain family, and encodes the human ortholog of rat Vps33b which is homologous to the yeast class C Vps33 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 95 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	TENGLIPKDYRSLKTQYLQSYGPEHLLTFSNLRAGLLTE QAPGDTLTAVESKVSKL VTDKAAGKITDAFSSLAKRSN FRAISKKLNLIPRVDGEYDLKVPRDMAYVFGGAYVP LS CRIIEQVLERRSWQGLDEVVRLNCSDFAFDTMTKEDK ASS
GENE INFORMATION	
Gene Name	VPS33B vacuolar protein sorting 33 homolog B (yeast) [Homo sapiens]
Official Symbol	VPS33B
Synonyms	VPS33B; vacuolar protein sorting 33 homolog B (yeast); vacuolar protein sorting 33B (yeast homolog); vacuolar protein sorting-associated protein 33B; FLJ14848;
Gene ID	26276
mRNA Refseq	NM_018668
Protein Refseq	NP_061138
MIM	608552
Uniprot ID	Q9H267
Chromosome Location	15q26.1
Function	protein binding;