

Recombinant Human VPS11, His-tagged

Cat. No. VPS11-30026TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 651-941 of Human VPS11 with an N terminal His tag. MW 36 kDa ;
Species	Human
Source	E.coli
ProteinLength	651-941 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 encodes the human homolog of yeast class C Vps11 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 58 µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

ISLLKSGRFCDVFDKALVLCQMhdfQdgvlylyeqgklfQ QIMHYHMQHEQYRQVI
 SVCERHGEQDPSLWEQALSYFA RKEEDCKEYVA AVLKH IENKNLMPPLL VVQTLAH
 NSTA TLSVIRDYLVQKLQKQSQQIAQDEL R VRRYREETTRIRQE IQELKASPKIFQKT
 KCSICNSALELPSVHFLCGHSFHQ HCFESYSESDADCPTCLPENRKVMDMIRAQEQ
 KRDLHD QFQHQLKCSNDSFSVIADYFGRGVFNKLTLLTDPPTARLT SSLEAGLQRD
 LLMHSRRGT

GENE INFORMATION

Gene Name VPS11 vacuolar protein sorting 11 homolog (S. cerevisiae) [Homo sapiens]

Official Symbol VPS11

Synonyms VPS11; vacuolar protein sorting 11 homolog (S. cerevisiae); vacuolar protein sorting 11 (yeast homolog); vacuolar protein sorting-associated protein 11 homolog; PEP5; RNF108;

Gene ID 55823

mRNA Refseq NM_021729

Protein Refseq NP_068375

MIM 608549

Uniprot ID Q9H270

Chromosome Location 11q23

Function metal ion binding; nucleotide binding; zinc ion binding;

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