

Recombinant Human Vacuolar Protein Sorting 28 Homolog (S. cerevisiae)

Cat. No. VPS28-1407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VPS28 was expressed in <i>E. coli</i> and purified by using conventional chromatography. MW = 25.4 kDa (221aa).
Species	Human
Source	<i>E. coli</i>
Description	VPS28 is involved in endosomal sorting of cell surface receptors via a multivesicular body/late endosome pathway. This protein is a subunit of the ESCRT-I complex (endosomal complexes required for transport) involved in the sorting of ubiquitinated proteins. VPS28 binding with the TSG101 may play important roles in budding of Retroviruses, such as HIV-1 and Ebola virus.
Amino Acid Sequence	MFHGIPATPG IGAPGNKPEL YEEVKLYKNA REREKYDNMA ELFAVVKTMQ ALEKAYIKDC VSPSEYTAAC SRLLVQYKAA FRQVQGSEIS SIDEFCRKFR LDCPLAMERI KEDRPITIKD DKGNLNRCIA DVVSLFITVM DKLRLEIRAM DEIQPDLREL METMHRMSHL PPDFEGRQTV SQWLQTLSGM SASDELDDSQ VRQMLFDLES AYNAFNRFLH A
Form	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 10% Glycerol
Purity	> 95% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).

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Endotoxin Level < 1.0 EU per 1 µg of protein (determined by LAL method).

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

GENE INFORMATION

Gene Name VPS28 vacuolar protein sorting 28 homolog (*S. cerevisiae*) [*Homo sapiens*]

Synonyms VPS28; vacuolar protein sorting 28 homolog (*S. cerevisiae*); MGC60323; yeast class E protein Vps28p homolog; vacuolar protein sorting 28 (yeast); H-Vps28; ESCRT-I complex subunit VPS28; vacuolar protein sorting 28; Vacuolar protein sorting-associated protein 28 homolog

Gene ID 51160

mRNA Refseq NM_016208

Protein Refseq NP_057292

MIM 611952

UniProt ID Q9UK41

Chromosome Location 8q24.3

Pathway Endocytosis

Function protein binding

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on 2j9w.



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