

Recombinant Human VPS28 protein, T7-tagged

Cat. No. VPS28-184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VPS28 (221aa, Isoform_1) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	221 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGGQQMGRGEFGSTSMFHGIPATPGIGAPGNKPELYEEVKLYKNAREREKY DNMAELFAVVKTMQALEKAY IKDCVSPSEYTAACSRLLVQYKAAFRQVQGSEISSID EFCRKFRLCDPLAMERIKEDRPITIKDDKGNLNRCIAD VVSLFITVMDKLRLEIRAMDE IQPDLRELMETMHRMSHLPPDFEGRQTVSQWLQTLSGMSASDELDDSQVRQMLF DLESAYNAFNRLHA
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro endosomal sorting pathway regulation study with intracellular delivery methods.2. As soluble /native protein, may be used as enzymatic substrate protein for ubiquitin assay.3. May be used for mapping viral particle budding pathway regulation with protein–protein interaction assay.4. May be used as antigen for specific antibody development.

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Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION
Gene Name

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

Official Symbol

VPS28

Synonyms

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

Gene ID

51160

mRNA Refseq

NM_016208

Protein Refseq

NP_057292

MIM

611952

UniProt ID

Q9UK41

**Chromosome
Location**

8q24.3

Pathway

Assembly of HIV virion, organism-specific biosystem; Disease, organism-specific biosystem; ESCRT-I complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; HIV Infection,

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organism-specific biosystem;

Function

protein binding;

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