

VPS28 recombinant protein

VPS28, 1-221aa, Human, E Coli

CATALOG # AAA48565	HOST E Coli	APPLICATIONS SDS-Page
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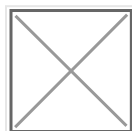
PRODUCT SYNONYMS

VPS28; 1-221aa; Human; E Coli; Vacuolar Protein Sorting 28; ESCRT-I complex subunit VPS28; H-Vps28; Vacuolar Protein Sorting 28 vacuolar protein sorting 28; Vacuolar protein sorting 28 (yeast); Vacuolar protein sorting 28 homolog.; VPS28 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 1 mM DTT, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MFHGIPATPG IGAPGNKPEL YEEVKLYKNA REREKYDNMA ELFAVVKTMQ ALEKAYIKDC VSPSEYTAAC SRLLVQYKAA FRQVQGSEIS SIDEFCRKFR LDCPLAMERI KEDRPITIKD DKGNLNRCIA DVVSLFITVM DKLRLEIRAM DEIQPDLREL METMHRMSHL PPDFEGRQTV SQWLQTLSGM SASDELDDSQ VRQMLFDLES AYNAFNRFLH A
Sequence Length	221
Applicable Applications for VPS28 recombinant protein	SDS-PAGE
Antigen Species	Human
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for VPS28 recombinant protein	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. VSP28 binding with the TSG101 may play important roles in budding of Retroviruses, such as HIV-1 and Ebola virus. Recombinant human VPS28 was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for VPS28 recombinant protein	Ubiquitination

References	Woodman P., et al. (2001) J Biol Chem. 276 (15):11735-42.; Bieniasz PD., et al. (2003) J Virol. 77 (8):4794-804.;
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7705885
NCBI GeneID	51160
NCBI Accession #	NP_057292
NCBI GenBank Nucleotide #	NM_016208.3
UniProt Accession #	Q9UK41; Q86VK0
Molecular Weight	25.4 kDa (221aa), confirmed by MALDI-TOF.
NCBI Official Full Name	vacuolar protein sorting-associated protein 28 homolog isoform 1
NCBI Official Synonym Full Names	VPS28, ESCRT-I subunit
NCBI Official Symbol	VPS28
NCBI Protein Information	vacuolar protein sorting-associated protein 28 homolog
UniProt Protein Name	Vacuolar protein sorting-associated protein 28 homolog
UniProt Gene Name	VPS28
UniProt Synonym Gene Names	H-Vps28

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vps28-recombinant-protein-e-coli-sds-page/48565>