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32-5234: Recombinant Human Vacuolar Protein Sorting 28

Alternative Name : Vacuolar protein sorting-associated protein 28 homolog,ESCRT-I complex subunit VPS28,H-Vps28,VPS28,MGC60323.

Description

Source : Escherichia Coli. VPS28 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 221 amino acids (1-221 a.a.) and having a molecular mass of 25.4kDa.The VPS28 is purified by proprietary chromatographic techniques. VPS28 is a subunit of the ESCRT-I complex (endosomal complexes required for transport) involved in the sorting of ubiquitinated proteins. VPS28 is involved in endosomal sorting of cell surface receptors using a multivesicular body/late endosome pathway. VSP28 binding with the TSG101 may have significant roles in budding of Retroviruses, such as HIV-1 and Ebola virus.VSP28 interacts with TSG101, VPS37B, VPS37C, FAM125A and FAM125B, and also with VPS36, this interaction mediates the association with the ESCRT-II complex. Furthermore it interacts with SNF8 and VPS25 and CEP55.

Product Info

Amount :	50 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The VPS28 protein solution contains 20mM Tris-HCl buffer (pH 7.5), 1mM DTT and 10% Glycerol.
Storage condition :	VPS28 although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	MFHGIPATPG IGAPGNKPEL YEEVKLYKNA REREKYDNMA ELFAVVKTMQ ALEKAYIKDC VSPSEYTAAC SRLLVQYKAA FRQVQGSEIS SIDEFCRKFR LDCPLAMERI KEDRPITIKD DKGNLNRCIA DVVSLFITVM DKLRLEIRAM DEIQPDLREL METMHRMSHL PPDFEGRQTV SQWLQTLSGM SASDELDDSQ VRQMLFDLES AYNAFNRFLH A.

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