9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

VPS28 Human

Vacuolar Protein Sorting 28 Human Recombinant
RCP2559

Product Overview

Name	VPS28 Human
Description	
Vacuolar Protein Sorting 28 Human Recombinant	
Accession (Primary)	Q9UK41
Synonyms	
Vacuolar protein sorting-associated protein 28 homolog, ESCRT-I complex subunit VPS28, H-Vps28, VPS28, MGC60323.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The VPS28 protein solution contains 20mM Tris-HCl buffer (pH 7.5), 1mM DTT and 10% Glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MFHGIPATPG IGAPGNKPEL YEEVKLYKNA REREKYDNMA ELFAVVKTMQ ALEKAYIKDC VSPSEYTAAC SRLLVQYKAA FRQVQGSEIS SIDEFCRKFR LDCPLAMERI KEDRPITIKD DKGNLNRCIA DVVSLFITVM	

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DKLRLEIRAM DEIQPDLREL METMHRMSHL PPDFEGRQTV SQWLQTLSGM SASDELDDSQ VRQMLFDLES AYNAFNRFLH A.

Precautions

VPS28 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UK41)