Recombinant human VPS28 protein

Catalog Number: ATGP0400

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-221aa

UniProt No.
Q9UK41

NCBI Accession No.
NP_057292

Alternative Names
VPS28, Vacuolar Protein Sorting 28 acuolar protein sorting 28, Vacuolar Protein Sorting 28, H-Vps28, ESCRT-I complex subunit VPS28

PRODUCT SPECIFICATION

Molecular Weight
25.4 kDa (221aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 1mM DTT, 10% glycerol

Purity
> 95% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
Non-Tagged

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. VSP28 binding with the TSG101 may play important roles in

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budding of Retroviruses, such as HIV-1 and Ebola virus. Recombinant human VPS28 was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

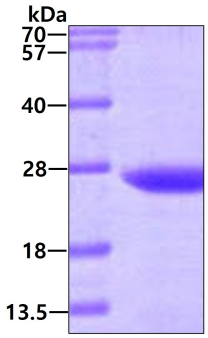
MFHGIPATPG IGAPGNKPEL YEEVKLYKNA REREKYDNMA ELFAVVKTMQ ALEKAYIKDC VSPSEYTAAC SRLLVQYKAA FRQVQGSEIS SIDEFCRKFR LDCPLAMERI KEDRPITIKD DKGNLNRCIA DVVSLFITVM DKLRLEIRAM DEIQPDLREL METMHRMSHL PPDFEGRQTV SQWLQTLSGM SASDELDDSQ VRQMLFDLES AYNAFNRFLH A

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.