

**VPS28, 1-221 aa, Human, Recombinant, E.coli**

**Cat.NO.: TP04483**

3th Edition

**Synonyms:**ESCRT-I complex subunit VPS28, H-Vps28, Vacuolar Protein Sorting 28 acular protein sorting 28, Vacuolar protein sorting 28 (yeast), Vacuolar protein sorting 28 homolog.

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

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 10% Glycerol

**Molecular Weight:**25.4 kDa (221aa), confirmed by MALDI-TOF.

**Sequences:**

MFHGIPATPGIGAPGNKPELYEEVKLYKNAREREKYDNMAELFAVVKTMQALEKAYIKDCVSPSEYTAACSRLLVQY  
KAAFRQVQGSEISSIDFCRKFRLCDPLAMERIKEDRPITIKDDKGNLNRCIADVVSLEFITVMDKLRLEIRAMDEIQPDL  
RELMETMHRMSHLPPDFEGRQTVSQWLQTLSGMSASDELDDSQVRQMLFDLESAYNAFNRFLHA

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.