

Datasheet for ABIN667681

VTA1 Protein (AA 1-307) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | VTA1 |
| Protein Characteristics: | AA 1-307 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This VTA1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|--|
| Characteristics: | VTA1, 1-307aa , Human, His tag, E.coli |
| Purity: | > 95 % by SDS - PAGE |

Target Details

| | |
|-------------------|---|
| Target: | VTA1 |
| Alternative Name: | VTA1 (VTA1 Products) |
| Background: | VTA1 (Vps20-associated 1 homolog), also known as LIP5 (LYST-interacting protein 5), DRG1 (Dopamine-responsive protein DRG-1), SBP1 (SKD1 bindingprotein 1), belongs to the VTA1 family. This protein Involved in the endosomal multivesicular bodies (MVB) pathway. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling |

Target Details

degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. Also, VTA1 is known to interact with CHMP1B, CHMP2A, CHMP5, VPS4B, KIAA0174 (IST1) and possibly CHMP3. Recombinant human VTA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: vacuolar protein sorting-associated protein VTA1 homolog, DRG-1, DRG1, LIP5, SBP1. NCBI no.: NP_057569

Molecular Weight: 36.5kDa (331aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

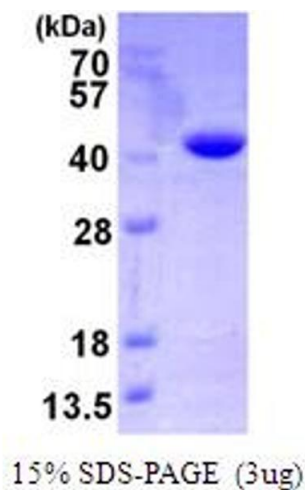
Format: Liquid

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

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 200mM NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.