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

VTA1 Human

Vps20-Associated 1 Homolog Human Recombinant
RCP2567

Product Overview

Name	VTA1 Human
Description	
Vps20-Associated 1 Homolog Human Recombinant	
Accession (Primary)	Q9NP79
Synonyms	
Vacuolar protein sorting-associated protein VTA1 homolog, DRG-1, LYST-interacting protein 5, LIP5, SKD1-binding protein 1, SBP1, VTA1, C6orf55, DRG1My012, HSPC228.	
Introduction	
Vps20-associated 1 homolog (VTA1) is a member of the VTA1 family. The VTA1 protein is involved in the endosomal multivesicular bodies (MVB) pathway. Furthermore, VTA1 is interacts with CHMP1B, CHMP2A, CHMP5, VPS4B, KIAA0174 (IST1) and possibly CHMP3. VTA1 is believed to be a cofactor of VPS4A/B, which catalyzes membrane-associated ESCRT-III assemblies. In addition, VTA1 is involved in the sorting and down-regulation of EGFR and also in HIV-1 budding.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
VTA1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 200mM NaCl.	
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	
MGSSHHHHHH SSGLVPRGSH MGSH MAALAP LPPLPAQFKS IQHHLRTAQE HDKRDPVVAY YCRLYAMQTG MKIDSKTPEC RKFLSKLMDQ LEALKKQLGD NEAITQEIVG CAHLENYALK MFLYADNEDR AGRFHKNMIK SFYTASLLID VITVFGELTD ENVKHRKYAR WKATYIHNCL KNGETPQAGP VGIEEDNDIE ENEDAGAASL	

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

PTQPTQPSSS STYDPSNMPS GNYTGIQIPP GAHAPANTPA EVPHSTGVAS NTIQPTPQTI PAIDPALFNT ISQGDVRLTP EDFARAQKYC KYAGSALQYE DVSTAVQNLQ KALKLLTTGR E.

Precautions

VTA1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NP79)