

Vps20-Associated 1 Homolog Human Recombinant

Item Number	rAP-3022
Synonyms	Vacuolar protein sorting-associated protein VTA1 homolog, Dopamine-responsive gene 1 protein, DRG-1, LYST-interacting protein 5, LIP5, SKD1-binding protein 1, SBP1, VTA1, C6orf55, DRG1My012, HSPC228.
Description	VTA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 331 amino acids (1-307 a.a.) and having a molecular mass of 36.5kDa.VTA1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9NP79
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMAALAP LPPLPAQFKS IQHHLRTAQE HDKRDVAVAY YCR-LYAMQTG MKIDSKTPEC RKFLSKLMDQ LEALKKQLGD NEAITQEIVG CAHLENYALK MFLYADNEDR AGRFHKNMIK SFYTASLLID VITVFGELTD ENVKHRKYAR WKATYIHNCL KNGETPQAGP VGIEEDNDIE ENEDAGAASL PTQPTQPSSS STYDPSNMPS GNYTGIQIPP GAHAPANTPA EVPHSTGVAS NTIQPTPQTI PAIDPALFNT ISQGDVRLTP EDFARAQKYC KYAGSALQYE DVSTAVQNLQ KALKLLTTGR E.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	VTA1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 200mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**