

V-Set Domain Containing T Cell Activation Inhibitor 1 Human Recombi-

Item Number	rAP-4339
Synonyms	V-set domain-containing T-cell activation inhibitor 1, B7 homolog 4, B7-H4, B7h.5, Immune costimulatory protein B7-H4, Protein B7S1, T-cell costimulatory molecule B7x, B7H4, VTCN1, B7S1, B7X, PRO1291, RP11-229A19.4.
Description	VTCN1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 244 amino acids (25-259a.a.) and having a molecular mass of 26.9kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). VTCN1 is expressed with a 9 amino acids His tag at C-
Uniprot Accesion Number	Q7Z7D3
Amino Acid Sequence	ADPLIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPE D IKLSDIVIQW LKEGVGLVH EFKEGKDELS EQDEMFRGRT AVFADQVIVG NASRLKNVQ LTDAGTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVDYNA SSETLRCEAP RWFPQPTVVW ASQVDQGANF SEVSNTSFL NSENVTMKVV SVLYNVTINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKASHH HHHH.
Source	Sf9, Baculovirus cells.
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	VTCN1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% 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 end users! This product is sold for **Research Use Only**