

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

<b>Item Number</b>	rAP-4339
<b>Synonyms</b>	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.
<b>Description</b>	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-
<b>Uniprot Accession Number</b>	Q7Z7D3
<b>Amino Acid Sequence</b>	ADPLIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS EQDEMFRGRT AVFADQVIVG NASLRLKNVQ LTDAQTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVVDYNA SSETLRCEAP RWFPQPTVVW ASQVDQGAF SEVSNTSFEL NSENVMTMKVV SVLYNVTINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKASHH HHHH.
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	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.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**