

## 32-5243: Recombinant Human V-Set Domain Containing T Cell Activation Inhibitor 1

**Alternative Name :** 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

Source : Escherichia Coli. VTCN1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 258 amino acids (25-259) and having a molecular mass of 28.2 kDa.VTCN1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. V-Set Domain Containing T Cell Activation Inhibitor 1, also known as VCTN1, is part of the B7 costimulatory protein family. Proteins in this family are located on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. High level of the encoded protein has been associated with tumor progression. VCTN1 also takes part in promoting epithelial cell transformation.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The VTCN1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSLIIFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS EQDEMFRGRT AVFADQVIVG NASLRLKNVQ LTDAGTYKCY IITSKGKGNANLEYKTGAFS MPEVNVDYNA SSETLRCEAP RWFQPQTVVWASQVDQGANF SEVSNTSFEL NSENVTKKV SVLYNVTINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKAS.

