

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 SSGLVPRGSH MGSLIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS EQDEMFRGRT AVFADQVIVG NASLRLKNVQ LTDAGTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVVDYNA SSETLRCEAP RWFPQPTVVWASQVDQGANF SEVSNTSFEL NSENVTMKVV SVLYNVITINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKAS.

