9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

VTCN1 Human

V-Set Domain Containing T Cell Activation Inhibitor 1 Human Recombinant RCP2568

Product Overview

Name	VTCN1 Human
Description	
V-Set Domain Containing T Cell Activation Inhibitor 1 Human Recombinant	
Accession (Primary)	Q7Z7D3
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The VTCN1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS LIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS EQDEMFRGRT AVFADQVIVG NASLRLKNVQ LTDAGTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVDYNA SSETLRCEAP RWFPQPTVVW ASQVDQGANF SEVSNTSFEL NSENVTMKVV SVLYNVTINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKAS.	

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Precautions

VTCN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7Z7D3)