

Datasheet for ABIN7505567

VTCN1 Protein (AA 29-258) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	VTCN1
Protein Characteristics:	AA 29-258
Origin:	Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VTCN1 protein is labelled with Fc Tag.

Product Details

Sequence:	Phe29-Ala258
Characteristics:	Recombinant Rhesus macaque B7-H4 is produced by our Mammalian expression system and the target gene encoding Phe29-Ala258 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	VTCN1
Alternative Name:	B7-H4 (VTCN1 Products)
Background:	Abbreviation: B7-H4,VTCN1 Target Synonym: B7S1,B7x,Vtcn1,B7h.5,B7-H4,B7H4T-cell costimulatory molecule B7x,B7S1VCTN1,B7XPRO1291,FLJ22418,Immune costimulatory protein B7-H4,Protein B7S1,T

Target Details

cell costimulatory molecule B7x,V-set domain containing T cell activation inhibitor 1,V-set domain-containing T-cell activation inhibitor 1

Background: B7 Homolog 4 (B7-H4) is glycosylated member of the B7 family of immune costimulatory proteins.It is widely expressed, including in kidney, liver, lung, pancreas, placenta, prostate, spleen, testis and thymus. B7-H4 negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed on the cell surface of tumor macrophages, plays an important role, together with regulatory T-cells (Treg), in the suppression of tumor-associated antigen-specific T-cell immunity. It also involved in promoting epithelial cell transformation.

Molecular Weight: Calculated MW: 52.5 kDa
Observed MW: 70-100 kDa

UniProt: [F7B770](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months