Recombinant Human VTCN1 protein, His & GST-tagged

Cat. No. VTCN1-1740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VTCN1 aa. (Pro153~Thr241 (Accession # Q7Z7D3)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro153~Thr241
Description	This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

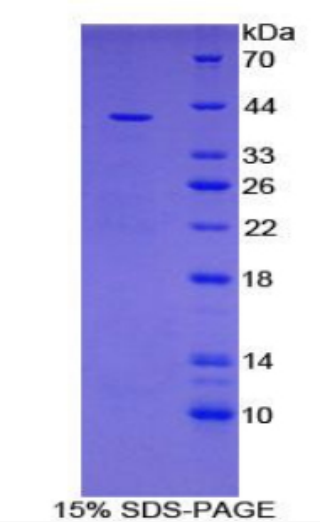
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.7

GENE INFORMATION

Gene Name	VTCN1 V-set domain containing T-cell activation inhibitor 1 [Homo sapiens (human)]
Official Symbol	VTCN1
Synonyms	VTCN1; V-set domain containing T-cell activation inhibitor 1; B7X; B7H4; B7S1; B7-H4; B7h.5; VCTN1; PRO1291; V-set domain-containing T-cell activation inhibitor 1; B7 family member, H4; B7 homolog 4; B7 superfamily member 1; T cell costimulatory molecule B7x; immune costimulatory protein B7-H4
Gene ID	79679
mRNA Refseq	NM_001253849.1
Protein Refseq	NP_001240778.1

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UniProt ID	Q7Z7D3
SDS-PAGE	 15% SDS-PAGE

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