

Recombinant Human VTCN1, His tagged

Cat. No. VTCN1-427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VTCN1 (Q7Z7D3) (Phe29-Ala258), fused with a C-terminal polyhistidine tag, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	29-258 a.a.
Predicted N Terminal	Phe 29
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human VTCN1 comprises 241 amino acids and has a predicted molecular mass of 26.8 kDa. The apparent molecular mass of the protein is approximately 43-48 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VTCN1 V-set domain containing T cell activation inhibitor 1 [Homo sapiens]
Official Symbol	VTCN1
Gene ID	79679
mRNA Refseq	NM_001253849
Protein Refseq	NP_001240778
MIM	608162
UniProt ID	Q7Z7D3
Chromosome Location	1p12

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