

# Recombinant Human VTCN1 Protein, His-tagged, FITC conjugated

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

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human VTCN1 (Q7Z7D3) (Phe29-Ala258), fused with a C-terminal polyhistidine tag, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	241
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>N-terminal Sequence Analysis</b>	Phe 29
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines

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	Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	VTCN1 V-set domain containing T cell activation inhibitor 1 [ Homo sapiens ]
<b>Official Symbol</b>	VTCN1
<b>Gene ID</b>	79679
<b>mRNA Refseq</b>	NM_001253849
<b>Protein Refseq</b>	NP_001240778
<b>MIM</b>	608162

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UniProt ID

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