Active Recombinant Human VTCN1 Protein, His & Avi-tagged, Biotinylated

Cat. No. VTCN1-333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VTCN1 Protein, His & Avi-tagged, Biotinylated is expressed from human 293 cells (HEK293). It contains AA Phe 29 - Ala 258 (Accession # NP_078902). Predicted N-terminus: Phe 29. This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag. The protein has a calculated MW of 28 kDa. The protein migrates as 45-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Species	Human
Source	HEK293
ProteinLength	Phe 29 - Ala 258
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-B7-H4 mAb,Human IgG1 at 2 μg/mL (100 μL/well) can bind Recombinant Human VTCN1 protein, His & Avi-tagged, Biotinylated with a linear range of 3-48 ng/mL (QC tested).
Molecular Mass	28 kDa
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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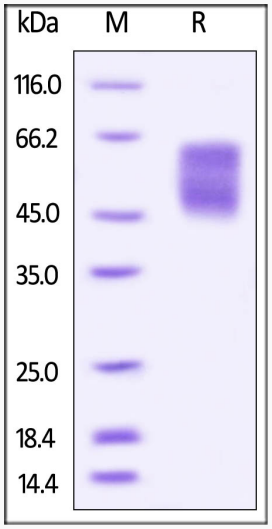
Purity	>90% as determined by SDS-PAGE.
Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	VTCN1 V-set domain containing T cell activation inhibitor 1 [Homo sapiens]
Official Symbol	VTCN1
Synonyms	VTCN1; B7 H4; B7H4; B7S1; B7X; FLJ22418; B7-H4; B7h.5; VCTN1; PRO1291; RP11-229A19.4;
Gene ID	79679
mRNA Refseq	NM_001253849
Protein Refseq	NP_001240778

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MIM	608162
UniProt ID	Q7Z7D3



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