

Active Recombinant Human VTCN1 protein, Fc/Avi-tagged, Biotinylated

Cat. No. VTCN1-053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human VTCN1(Phe29-Ala258) protein, fused to Fc/Avi tag at the C-terminus, was expressed in HEK293 cells .
Species	Human
Source	HEK293
ProteinLength	Phe29-Ala258
Predicted N Terminal	Phe29
Form	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Bio-activity	Measured by its binding ability in a functional ELISA. When Human VTCN1 Antibody is immobilized at 1.0 µg/mL, 100 µL/well, the concentration of Biotinylated Recombinant Human VTCN1 Fc Chimera Avi-tag that produces 50% of the optimal binding response is approximately 1.5-7.5 ng/mL.
Molecular Mass	84-93 kDa, under reducing conditions
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	Coomassie® Blue Staining.
Applications	Bioactivity
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 500 µg/mL in PBS.
Conjugation	Biotin

GENE INFORMATION

Gene Name	VTCN1 V-set domain containing T cell activation inhibitor 1 [Homo sapiens]
Official Symbol	VTCN1
Synonyms	VTCN1; V-set domain containing T cell activation inhibitor 1; V-set domain-containing T-cell activation inhibitor 1; B7 family member; H4; B7 superfamily member 1; B7 H4; B7H4; B7S1; B7X; FLJ22418; B7 family member, H4; T cell costimulatory molecule B7x; T-cell costimulatory molecule B7x; immune costimulatory protein B7-H4; B7-H4; B7h.5; VCTN1; PRO1291; RP11-229A19.4;
Gene ID	79679
mRNA Refseq	NM_001253849
Protein Refseq	NP_001240778

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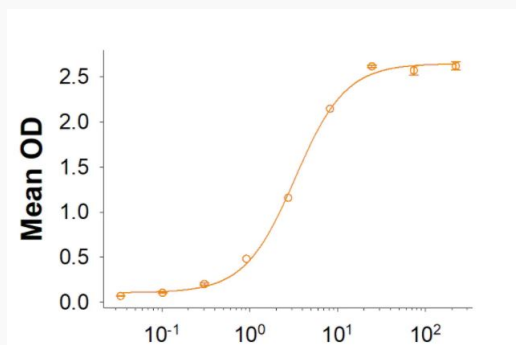
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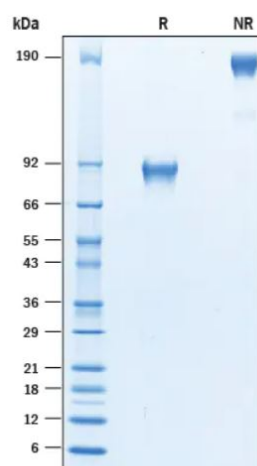
MIM 608162

UniProt ID Q7Z7D3

Binding Activity



SDS-PAGE



2 µg/lane Protein was resolved with SDS-PAGE under reducing (R) and non-reducing (NR) conditions and visualized by Coomassie® Blue staining.

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