

Active Recombinant Human VTCN1 Protein, His-tagged

Cat. No. VTCN1-755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human VTCN1 Protein(Q7Z7D3-1)(Phe29-Ala258) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	29-258 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human B7-H4, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-B7-H4 Antibody, hFc Tag with the EC50 of 8.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26.92 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

MIM [608162](#)

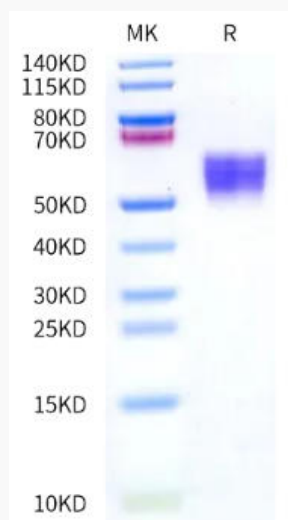
UniProt ID [Q7Z7D3](#)

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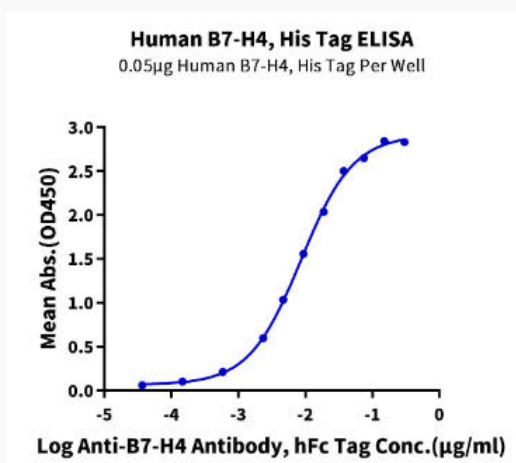
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Bis-Tris PAGE



ELISA Data



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