

## Active Recombinant Human VTCN1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human VTCN1 Protein(Q7Z7D3-1)(Phe29-Ala258) is expressed from HEK293 with His tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	29-258 aa
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 0.1 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	-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.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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](#)

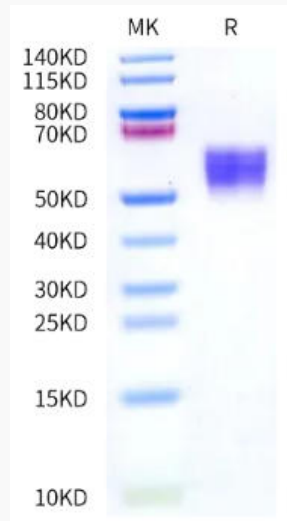
**UniProt ID** [Q7Z7D3](#)

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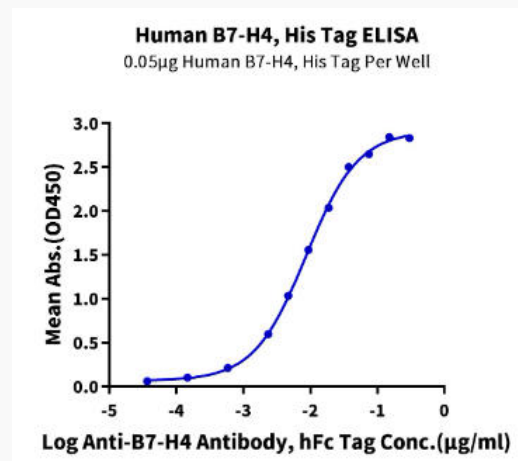
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**Bis-Tris PAGE**



**ELISA Data**



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