

## Recombinant Human VTCN1 Protein, His-Avi-tagged

Cat. No. VTCN1-450H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human B7-H4 is expressed from mammalian with a His tag and Avi at the C-terminal. It contains Phe29-Ala258.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Phe29-Ala258
<b>Description</b>	B7-H4, also known as B7x and B7S1, is a 50-80 kDa glycosylated member of the B7 family of immunomodulatory proteins. B7-H4 is up-regulated in several carcinomas in correlation with tumor progression and metastasis. A soluble form of B7-H4 is elevated in the serum of ovarian cancer, renal cell carcinoma, and rheumatoid arthritis patients, also in correlation with advanced disease status.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Endotoxin</b>	Less than 0.01 EU per ug by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE. > 95% as determined by HPLC.
<b>Storage</b>	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

### GENE INFORMATION

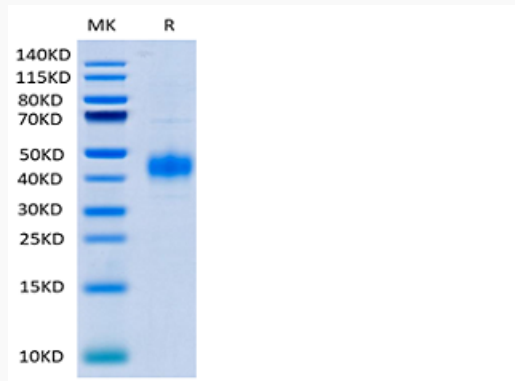
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<b>Gene Name</b>	VTCN1 V-set domain containing T cell activation inhibitor 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	VTCN1
<b>Synonyms</b>	B7X; B7H4; B7S1; B7-H4; B7h.5; VCTN1; PRO1291
<b>Gene ID</b>	79679
<b>mRNA Refseq</b>	NM_001253849.2
<b>Protein Refseq</b>	NP_001240778.1
<b>MIM</b>	608162
<b>UniProt ID</b>	Q7Z7D3

**Tris-Bis PAGE of  
VTCN1-450H**

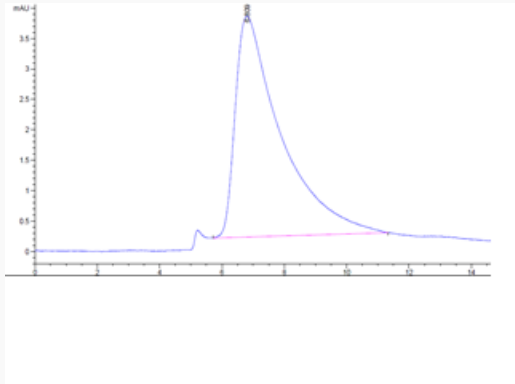


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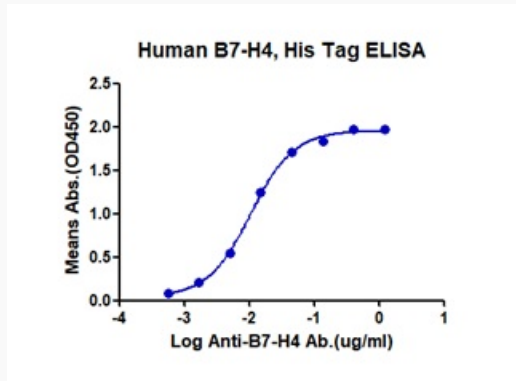
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**SEC-HPLC of  
VTCN1-450H**



**ELISA of VTCN1-  
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