

## Recombinant Human CD83 protein, His-tagged

Cat. No. CD83-3927H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD83 protein(Q01151-1)(Thr20-Ala143), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr20-Ala143
<b>Tag</b>	C-His
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human CD83, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD83 Antibody, hFc Tag with the EC50 of 3.8ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 15.2 kDa. Due to glycosylation, the protein migrates to 18 kDa and 25-28 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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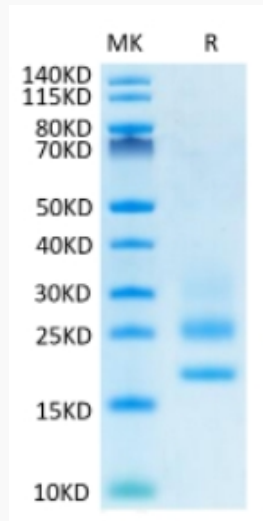
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD83 CD83 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD83
<b>Synonyms</b>	CD83; CD83 molecule; CD83 antigen (activated B lymphocytes, immunoglobulin superfamily) , CD83 molecule; CD83 antigen; BL11; HB15; hCD83; B-cell activation protein; cell surface protein HB15; cell-surface glycoprotein; CD83 antigen (activated B lymphocytes, immunoglobulin superfamily);
<b>Gene ID</b>	9308
<b>mRNA Refseq</b>	NM_001040280
<b>Protein Refseq</b>	NP_001035370
<b>MIM</b>	604534
<b>UniProt ID</b>	Q01151

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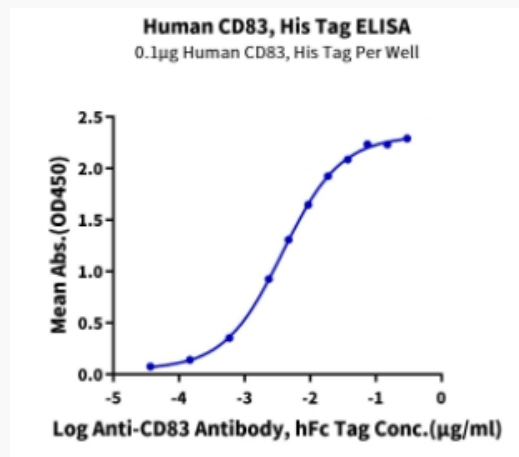
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**Tris-Bis PAGE**



**ELISA Data**



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