

Recombinant Human CD83 protein, hFc-tagged

Cat. No. CD83-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD83 protein(Q01151-1)(Thr20-Ala143), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Thr20-Ala143
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD83, hFc Tag at 2ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-CD83 Antibody, hFc Tag with the EC50 36.9ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 40.8 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CD83 CD83 molecule \[Homo sapiens \]](#)

Official Symbol [CD83](#)

Synonyms

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);

Gene ID [9308](#)

mRNA Refseq [NM_001040280](#)

Protein Refseq [NP_001035370](#)

MIM [604534](#)

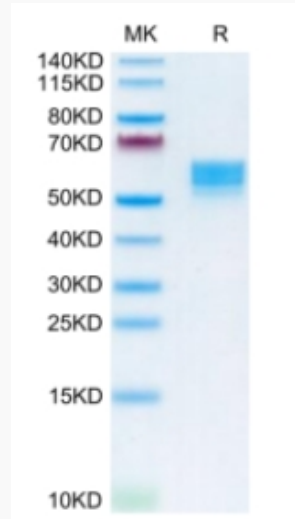
UniProt ID [Q01151](#)

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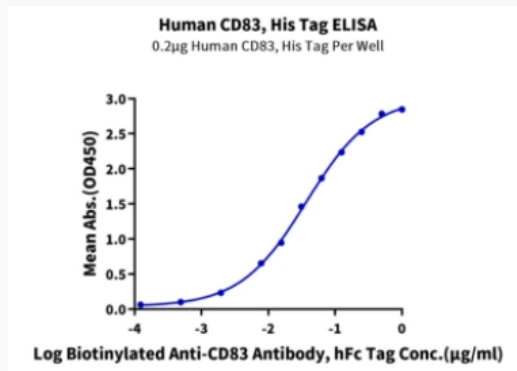
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Tris-Bis PAGE



ELISA Data



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