

Active Recombinant Human CD83 protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human CD83 protein(Q01151-1)(Thr20-Ala143) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	20-143 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	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 29.2ng/ml determined by ELISA.
Molecular Mass	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 Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
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.

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

 Email: 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 [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](#)

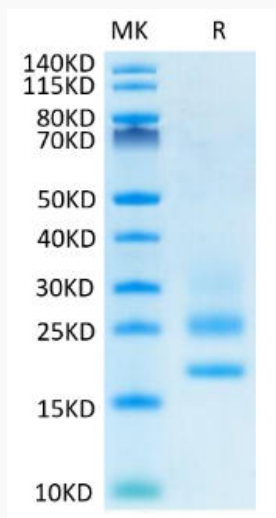
UniProt ID [Q01151](#)

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

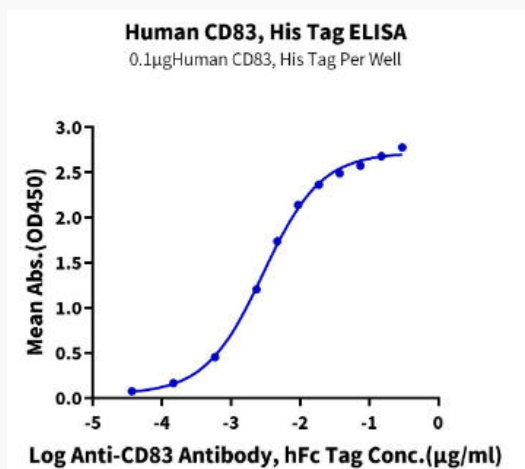
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Bis-Tris PAGE



ELISA Data



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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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