

## Recombinant Human CD83 Protein, Fc-tagged

Cat. No. CD83-051H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD83 fused with Fc His tag at C-termina was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS,pH 7.4
<b>Molecular Mass</b>	41.2kD
<b>AA Sequence</b>	TPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYH QKGQNGSFDAPNERPYSKIRNTTSCNSGTYRCTLQDPDGQRNLGKVLIRVTGCP AQRKEETFKKYRAVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSV LTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQ VSLTCLVKGFPYPSDIAVEWESNGQPENNYKTTTPVLDSGDSFFLYSKLTVDKSRWQ QGNVFSCSVMHEALHNHYTQKSLSLSPGK*

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<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<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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