Recombinant Human CD83 Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CD83 fused with Fc His tag at C-termina was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Form	Lyophilized from a 0.2 μM filtered solution of PBS,pH 7.4
Molecular Mass	41.2kD
AA Sequence	TPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYH QKGQNGSFDAPNERPYSLKIRNTTSCNSGTYRCTLQDPDGQRNLSGKVILRVTGCP AQRKEETFKKYRAVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSV LTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQ VSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ QGNVFSCSVMHEALHNHYTQKSLSLSPGK*

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

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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