

Recombinant Human CD83 Protein, His-tagged

Cat. No. CD83-172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD83 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	205
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
Molecular Mass	14.9 kDa
AA Sequence	MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGG EERMETPQEDHLRGQHYHQKGQNGSFDAPNERPYSLKIRNTTSCNSGTYRCTLQD PDGQRNLSGKVILRVTGCPAQRKEETFKKYRAEIVLLALVIFYLTLIIFTCKFARLQSIF PDFSKAGMERAFLPVTSPNKHGLGLVTPHKTELV
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CD83 CD83 molecule [Homo sapiens (human)]
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

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Protein Refseq	NP_001035370
MIM	604534
UniProt ID	Q01151

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