

Recombinant Human CD83 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD83-5432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD83 MS Standard C13 and N15-labeled recombinant protein (NP_004224) with a C-terminal MYC/DDK tag, 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.
Molecular Mass	23 kDa
AA Sequence	MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLEGG EERMETPQEDHLRGQHYHQKGQNGSFDAPNERPYSKIRNTTSCNSGTYRCTLQD PDGQRNLSGKVILRVTGCPAQRKEETFKKYRAEIVLLALVIFYLTLIIFTCKFARLQSIF PDFSKAGMERAFLPVTSPNKHGLVTPHKTELVTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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_004233](#)

Protein Refseq [NP_004224](#)

MIM [604534](#)

UniProt ID [Q01151](#)

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SDS-PAGE



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