

Recombinant Human CD83 Protein, His-tagged

Cat. No. CD83-152H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD83 molecule(CD83), transcript variant 1(NM_004233), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
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	Purified protein formulated in a sterile solution of TBS buffer, pH7.120, without any preservatives.
Molecular Mass	41.2kD
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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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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