Active Recombinant Human CD83, MIgG2a Fc-tagged

Cat. No. CD83-1063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CD83 (NP_004224.1) (Thr20-Ala131) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO celL
Species	Human
Source	CHO
ProteinLength	20-131 a.a.
Description	The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulinsuperfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. Asoluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variantsencoding different isoforms have been found for this gene.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of human monocyte-derived dendritic cells.
Molecular Mass	41 KDa (monomer)
AA Sequence	Thr20-Ala131
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="">

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Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid 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
Chromosome	6p23

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Location	

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