

Recombinant Full Length Human CD83 Protein, GST-tagged

Cat. No. CD83-3080HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD83 full-length ORF (AAH30830, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	205 amino acids
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. [provided by RefSeq, Oct 2011]
Molecular Mass	48.29 kDa
AA Sequence	MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGG EERMETPQEDHLRGQHYPHQKGQNGSFDAPNERPYSKIRNTTSCNSGTYRCTLQD PDGQRNLSGKVILRVTGCPAQRKEETFKKYRAEIVLLLALVIFYLTLIFTCKFARLQSIF PDFSKAGMERAFLPVTSPNKHGLGLVTPHKTELV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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