

## Recombinant Human CD83, His-tagged

**Cat. No.** CD83-7225H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD83 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>description</b>	CD83 is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The 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.
<b>source</b>	E. coli
<b>species</b>	Human
<b>tag</b>	His
<b>form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol.
<b>molecular mass</b>	16 kDa (148aa)
<b>aa sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTPEVKVA CSEDVDLPCT APWDPQVPYT VSWVKLLEGG EERMETPQED HLRGQHYHQK GQNGSFDAPN ERPYSLKIRN

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TTSCNSGTYR CTLQDPDGQR NLSGKVILRV TGCPAQRKEE TFKKYRAE

**purity** >90% by SDS - PAGE

**applications** SDS-PAGE

**storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**concentration** 0.25 mg/ml

## 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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chromosome location	6p23
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