

CD83, human recombinant protein
CD83 antigen isoform b precursor, BL11, HB15
Catalog # PBV10968r**Specification**

CD83, human recombinant protein - Product info

Primary Accession	O01151
Concentration	0.25
Calculated MW	16 kDa (148 aa, 20-144 aa + His Tag), confirmed by MALDI-TOF. KDa

CD83, human recombinant protein - Additional Info

Gene ID	9308
Gene Symbol	CD83
Other Names	
CD83 antigen isoform b precursor, BL11, HB15	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSTPEVKVA CSEDVDLPCT APWDPQVPYT VSWVKLLEGG EERMETPQED HLRGQHYHQK GQNGSFDAPN ERPYSLKIRN TTSCNSGTyr CTLQDPDGQR NLSGKVILRV TGCPAQRKEE TFKKYRAE

Target/Specificity
CD83**Format**
Liquid**Storage**
-80°C; 0.25 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl and 30% glycerol.**CD83, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

CD83, human recombinant protein - Images**CD83, human recombinant protein - Background**

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. Recombinant human CD83 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

CD83, human recombinant protein - References

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Kozlow E.J.,et al.Blood 81:454-461(1993).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mungall A.J.,et al.Nature 425:805-811(2003).
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).