

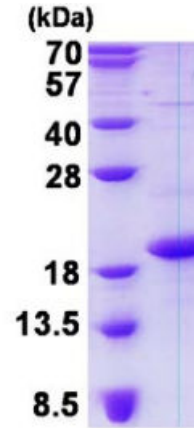
## CD83, human recombinant

<b>CATALOG #:</b>	7344-50	50 µg
<b>ALTERNATE NAMES:</b>	CD83 antigen isoform b precursor, BL11, HB15	
<b>SOURCE:</b>	E. coli	
<b>PURITY:</b>	> 90% by SDS-PAGE	
<b>MOL. WEIGHT:</b>	16 kDa (148 aa, 20-144 aa + His Tag), confirmed by MALDI-TOF.	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	0.25 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl and 30% glycerol.	

**STORAGE CONDITIONS:** 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.

**DESCRIPTION:** 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.

**AMINO ACID SEQUENCE:** MGSSHHHHHH SGLVPRGSH MGSTPEVKVA  
CSEDVLPCT APWDPQVPYT VSWVKLLEGG EERMETPQED HLRGQHYHQK  
GQNGSFDAPN ERPYSLKIRN TTSCNSGTYS CTLQDPDGQR NLSGKVLRLV  
TGCPAQRKEE TFKKYRAE



15% SDS-PAGE (3µg)

CD83, human recombinant

### RELATED PRODUCTS:

- CD200, human recombinant (Cat. No. 7309-100)
- CD226, human recombinant (Cat. No. 7310-100)
- CD274, mouse recombinant (Cat. No. 7311-100)
- CD300C, human recombinant (Cat. No. 7312-100)
- CD3G, human recombinant (Cat. No. 7313-100)
- CD46, human recombinant (Cat. No. 7314-100)
- CD5, human recombinant (Cat. No. 7315-100)
- CD7, human recombinant (Cat. No. 7316-100)
- CD74, human recombinant (Cat. No. 7317-100)
- CD79B, human recombinant (Cat. No. 7318-100)
- CD84, human recombinant (Cat. No. 7319-100)
- CD8B, human recombinant (Cat. No. 7320-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**