9051 Mira Mesa Blvd, #910094
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CD83 Human

CD83 Human Recombinant
CDA0116

Product Overview

Name	CD83 Human
Description	
CD83 Human Recombinant	
Accession (Primary)	Q01151
Synonyms	
BL11, HB15, hCD83, B-cell activation protein, Cell surface protein HB15.	
Introduction	
CD83 is a single-pass type I membrane protein and part of the immunoglobulin superfamily of receptors. CD83 involves in the regulation of antigen presentation. A soluble form of CD83 can bind to dendritic cells and inhibit their maturation. There were 3 transcript variants encoding different isoforms for CD83.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CD83 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS TPEVKVA CSEDVDLPCT APWDPQVPYT VSWVKLLEGG EERMETPQED HLRGQHYHQK GQNGSFDAPN ERPYSLKIRN TTSCNSGTYR CTLQDPDGQR NLSGKVILRV TGCPAQRKEE TFKKYRAE.	
Precautions	
CD83 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q01151)