

32-3481: CD83 Recombinant Protein

Alternative Name : BL11,HB15,hCD83,B-cell activation protein,Cell surface protein HB15.

Description

Source : E.coli. CD83 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 148 amino acids (20-144a.a) and having a molecular mass of 16kDa. CD83 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	CD83 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSTPEVKVA CSEDVDLPCT APWDPQVPYT VSWVKLEGG EERMETPQED HLRGQHYHQK GQNGSFDAPN ERPYSLKIRN TTSCNSGTYR CTLQDPDGQR NLSGKVLRV TGCPAQRKEE TFKKYRAE.