

## CD83 Human Recombinant

<b>Item Number</b>	rAP-0073
<b>Synonyms</b>	BL11, HB15, hCD83, B-cell activation protein, Cell surface protein HB15.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q01151
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTPEVKVA CSEDVDPCT APWDPQVPTY VSWVKLLEGG EERMETPQED HLRGQHYHQK GQNGSF DAPN ERPYSLKIRN TTSCNSGTYR CTLQDPDGQR NLSGKVILRV TGCPAQRKEE TFKKYRAE.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	CD83 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**