

# Human CD80 Recombinant Protein



RPPB5879

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## Product Information    Protein Information

**Product SKU:**

RPPB5879

**Accession:**

P33681

**Host:**

Sf9, Insect cells.

**Protein description:**

CD80 Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 216 amino acids (35-242a.a.) and having a molecular mass of 24.9kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). CD80 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Synonyms:**

CD80 Molecule, CD80 Antigen (CD28 Antigen Ligand 1, B7-1 Antigen), B-Lymphocyte Activation Antigen B7, CTLA-4 Counter-Receptor B7.1, Activation B7-1 Antigen, CD28LG1, CD28LG, LAB7, BB1, B7, Costimulatory Molecule Variant IgV-CD80, T-Lymphocyte Activation Antigen CD80, Costimulatory Factor CD80, CD80 Antigen, B7-1, B7.1.

**Formulation:**

CD80 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

VIHVTKEVKE VATLSCGHNV SVEELAQTRI YWQKEKMMVL TMMSGDMNIW PEYKNRTIFD ITNNLSIVIL  
ALRPSDEGTY ECVVLKYEKD AFKREHLAEV TLSVKADFPT PSISDFEIPT SNIRRIICST SGGFPEPHLS  
WLENGEELNA INTTVSQDPE TELYAVSSKL DFNMTTNHSF MCLIKYGHLR VNQTFNWNTT KQEHFPDNL  
HHHHHH.