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32-13082: CD80 Mouse

Alternative Name : LAB7, CD28LG, CD28LG1, CD28LG1, B71.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
The B-lymphocyte activation antigen B7-1 provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 and CTLA4 ligands of T cells CD-80 is involved in the costimulatory signal essential for t- lymphocyte activation. t-cell proliferation and cytokine production is induced by the binding of cd28 or ctla-4 to this receptor.
CD80 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 216 amino acids (37-246 a.a.) and having a molecular mass of 24.7kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions). CD80 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CD80 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% 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 :	DVDEQLSKSV KDKVLLPCRY NSPHEDESED RIYWQKHDKV VLSVIAGKLK VWPEYKNRTL YDNTTYSLII LGLVLSDRGT YSCVVQKKER GTYEVKHLAL VKLSIKADFS TPNITESGNP SADTKRITCF ASGGFPKPRF SWLENGRELP GINTTISQDP ESELYTISSQ LDFNTTRNHT IKCLIKYGDA HVSEDFTWEK PPEDPPDSKN HHHHHH.

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