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32-13122: CD86 Human

Alternative Name : B7-2/CD86, CD86, B7-2, B7.2, B70, CD28LG2, LAB72, T-lymphocyte activation antigen CD86, Activation B7-2 antigen, B70, BU63, CTLA-4 counter-receptor B7.2, FUN-1.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
CD86, also known as B7-2 or Cluster of Differentiation 86 is a protein necessary for T cell activation and survival, it is expressed on cells that are antigen-presenting cells and acts as costimulatory signals for T cells. CD86 is the ligand for CD28Â (for autoregulation and intercellular association) andÂ CTLA-4Â (for attenuation of regulation and cellular disassociation), two different proteins.
CD86 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 223 amino acids (31-247a.a.) and having a molecular mass of 25.6kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CD86 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	CD86 protein solution (0.5mg/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 :	YFNETADLPC QFANSQNQSL SELVVFWQDQ ENLVLNEVYL GKEKFDSVHS KYMGRTSFDS DSWTLRLHNL QIKDKGLYQC IIHHKKPTGM IRIHQMNSEL SVLANFSQPE IVPISNITEN VYINLTCSSI HGYPEPKKMS VLLRTKNSTI EYDGIMQKSQ DNVTELYDVS ISLSVSFPDV TSNMTIFCIL ETDKTRLLSS PFSIELEDPQ PPPDHIPHHH HHH.

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