9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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CD86 Human

CD86 Human Recombinant
CDA0119

Product Overview

Name	CD86 Human
Description	
CD86 Human Recombinant	
Accession (Primary)	P42081
Synonyms	
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.	
Introduction	
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 CD28 (for autoregulation and intercellular association) and CTLA-4 (for attenuation of regulation and cellular disassociation), two different proteins.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CD86 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
YFNETADLPC QFANSQNQSL SELVVFWQDQ ENLVLNEVYL GKEKFDSVHS KYMGRTSFDS DSWTLRLHNL QIKDKGLYQC IIHHKKPTGM IRIHQMNSEL SVLANFSQPE IVPISNITEN VYINLTCSSI HGYPEPKKMS VLLRTKNSTI EYDGIMQKSQ DNVTELYDVS ISLSVSFPDV TSNMTIFCIL ETDKTRLLSS PFSIELEDPQ PPPDHIP HHH HHH.	
Precautions	

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CD86 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P42081)