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37-1023: Human CD86 / B7-2 Recombinant Protein (His Tag)(Discontinued)

Reactivity : Human
Alternative Name : B7-2 Protein, B7.2 Protein, B70 Protein, CD28LG2 Protein, LAB72 Protein,

Description

Source : HEK293 Cells
CD86, also known as B-lymphocyte activation antigen B7-2 (referred to as B7), is a member of the cell surface immunoglobulin superfamily. B7-2 exists predominantly as a monomer on cell surfaces and interacts with two co-stimulatory receptors CD28 and cytotoxic T lymphocyte-associated antigen 4 (CTLA-4) expressed on T cells, and thus induces the signal pathways which regulate T cell activation and tolerance, cytokine production, and the generation of CTL. It is indicated that contacts between B and T helper cells mediated by CD86 encourage signals for the proliferation and IgG secretion of normal B cells and B cell lymphomas. Recent study has revealed that CD86 also promotes the generation of a mature APC repertoire and promotes APC function and survival. CD86 has an important role in chronic hemodialysis, allergic pulmonary inflammation, arthritis, and antiviral responses, and thus is regarded as a promising candidate for immune therapy. Cancer Immunotherapy Co-inhibitory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: IP Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

Product Info

Amount :	2 Recombinant Protein (His Tag)(Discontinued) / 200 µg
Purification :	> 97 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Met1-His239

Application Note

Measured by its binding ability in a functional ELISA. Immobilized human CD86 at 20 µg/ml (100 µL/well) can bind human CD28 with a linear ranger of 32-800 ng/ml.
Endotoxin :< 1.0 EU per µg of the protein as determined by the LAL method

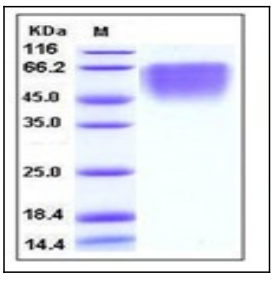


Fig 1: Human CD86 / B7-2 Recombinant Protein (His Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.