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37-1250: Human CD80 / B7-1 Recombinant Protein (Fc Tag)(Discontinued)

Reactivity: Human

Alternative Name: B7 Protein, B7-1 Protein, B7.1 Protein, BB1 Protein, CD28LG Protein, CD28LG1 Protein, LAB7 Protein,

Description

Source: HEK293 Cells

The B-lymphocyte activation antigen B7-1 (referred to as B7), also known as CD8, is a member of cell surface immunoglobulin superfamily and is expressed on the surface of antigen-presenting cells including activated B cells, macrophages and dendritic cells. As costimulatory ligands, B7-1 which exists predominantly as dimer and the related protein B7-2, interact with the costimulatory receptors CD28 and cytotoxic T lymphocyte-associated antigen 4 (CTLA-4) expressed on T cells, and thus constitute one of the dominant pathways that regulate T cell activation and tolerance, cytokine production, and the generation of CTL. The B7/CD28/CTLA4 pathway has the ability to both positively and negatively regulate immune responses. CD8 is thus regarded as promising therapeutic targets for autoimmune diseases and various carcinomas. Cancer Immunotherapy Coinhibitory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: IHC Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

Product Info

Amount: 1 Recombinant Protein (Fc Tag)(Discontinued) / 200 μg

Purification: > 95 % as determined by SDS-PAGE.

Formulation Lyophilized from sterile PBS, pH 7.4.

Content : Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before

lyophilization.

Storage condition:

Storage condition:

Storage condition:

Storage condition:

for optimal storage. Avoid repeated freeze-thaw cycles.

Amino Acid: Met1-Asn242

Application Note

Endotoxin :< 1.0 EU per µg protein as determined by the LAL method.

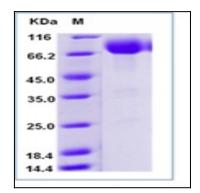


Fig 1: Human CD80 / B7-1 Recombinant Protein (Fc Tag)