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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 Co-inhibitory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: HC Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immune Checkpoint Targets Immune Checkpoint Proteins Immune Checkpoint Proteins Immune Checkpoint Targets

Product Info

Amount :	1 Recombinant Protein (Fc Tag)(Discontinued) / 200 μg
Purification :	> 95 % 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-Asn242

Application Note

Endotoxin :< 1.0 EU per \tilde{A} $\hat{A}\mu g$ protein as determined by the LAL method.

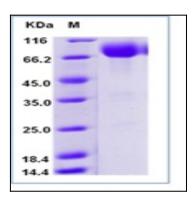


Fig 1: Human CD80 / B7-1 Recombinant Protein (Fc Tag)