9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

37-1351: Mouse CD80 / B7-1 Recombinant Protein (Fc Tag)(Discontinued)

Reactivity :	Mouse
Alternative Name :	B71 Protein, Mouse; Cd28l Protein, Mouse; Ly-53 Protein, Mouse; Ly53 Protein, Mouse; MIC17 Protein, Mouse; TSA1 Protein, Mouse

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: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM 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 :	> 90 % 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-Lys245

Application Note

1. Measured by its binding ability in a functional ELISA. 2. Immobilized human CTLA4 at 10 ÃÂµg/mL (100 ÃÂµL/well) can bind mouse CD80-Fc , The EC50 of mouse CD80-Fc is 28 ng/mL.
Endotoxin :< 1.0 EU per ÃÂµg of the protein as determined by the LAL method

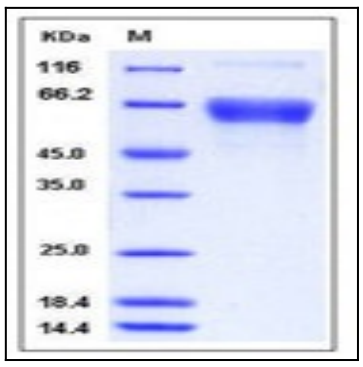


Fig 1: Mouse CD80 / B7-1 Recombinant Protein (Fc Tag)

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