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37-1169: Mouse CD27 / TNFRSF7 Recombinant Protein (His Tag)(Discontinued)

Reactivity : Mouse
Alternative Name : S152 Protein, Mouse; Tnfrsf7 Protein, Mouse; Tp55 Protein, Mouse

Description

Source : HEK293 Cells
CD27, also known as TNFRSF7, is a member of the TNF-receptor superfamily limited to cells of the lymphoid lineage, and exists as both a dimeric glycoprotein on the cell surface and as a soluble protein in serum. As a type I transmembrane glycoprotein of about 55 kDa existing as disulfide-linked homodimer, CD27 has been shown to play roles in lymphoid proliferation, differentiation, and apoptosis.It has important role in generation of T cell immunity, and is an apparently robust marker for normal memory B cells. It is a T and B cell co-stimulatory molecule, the activity of CD27 is governed by its TNF-like ligand CD7 on lymphocytes and dendritic cells. The CD27-CD7 interaction is required for Th1 generation responses to differentiation signals and long-term maintenance of T cell immunity, and meanwhile, plays a key role in regulating B-cell differentiation, activation and immunoglobulin synthesis. Cancer Immunotherapy Co-stimulatory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: ICC Antibodies Immune Checkpoint Detection: IHC Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

Product Info

Amount :	Mouse CD27 / TNFRSF7 Recombinant Protein (His Tag)(Discontinued) / 100 µg
Purification :	> 96 % 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-Arg182

Application Note

Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse CD27 at 2 ÃÂµg/ml (100 ÃÂµL/well) can bind human CD70 with a linear range of 78-1250 pg/ml.
Endotoxin :< 1.0 EU per ÃÂµg of the protein as determined by the LAL method

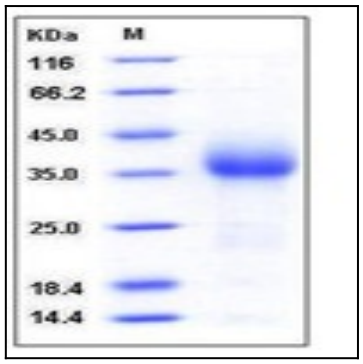


Fig 1: Mouse CD27 / TNFRSF7 Recombinant Protein (His Tag)

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