

37-1043: Human CD27 / TNFRSF7 Recombinant Protein (His & Fc Tag)(Discontinued)

Reactivity : Human

Alternative Name : S152 Protein, S152. LPFS2 Protein, S152.LPFS2 Protein, T14 Protein, TNFRSF7 Protein, Tp55 Protein,

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 : Human CD27 / TNFRSF7 Recombinant Protein (His & 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-Ile192

Application Note

Measured by its ability to bind with recombinant human CD70 . Immobilized recombinant human CD27 at 2 µg/ml (100 µL/well) can bind biotinylated human CD70 with a linear range of 0.39-12.5 ng/ml.

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

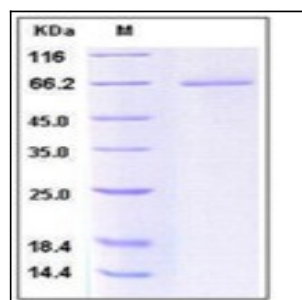


Fig 1: Human CD27 / TNFRSF7 Recombinant Protein (His & Fc Tag)