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# 37-1042: Human CD27 Recombinant Protein (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: IHC Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

#### **Product Info**

Amount: Human CD27 Recombinant Protein (Fc Tag)(Discontinued) / 200 μg

**Purification:** > 90 % 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 :** 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-lle192

### **Application Note**

Endotoxin :< 1.0 EU per  $\mu$ g protein as determined by the LAL method.

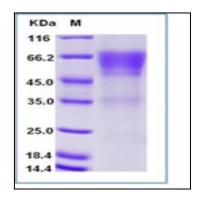


Fig 1: Human CD27 Recombinant Protein (Fc Tag)