



# Recombinant Human CD27/TNFRSF7 Protein (Fc & His Tag)

Catalog No. PKSH032210

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

**Synonyms** S152;S152. LPFS2;S152.LPFS2;T14;TNFRSF7;Tp55

**Species** Human

Expression HostHEK293 CellsSequenceThr 21-Ile192

AccessionP26842Calculated Molecular Weight47.2 kDaObserved molecular weight60 kDaTagC-Fc-His

**Bioactivity** Not validated for activity

## **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

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

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH

8.0.

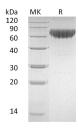
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

**Reconstitution** Please refer to the printed manual for detailed information.

# <u>Data</u>



> 95 % as determined by reducing SDS-PAGE.

### **Background**

CD27 antigen is also known as CD27L receptor; T-cell activation antigen CD27; Tumor necrosis factor receptor

#### For Research Use Only

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superfamily member 7; T14 and TNFRSF7. In humans; it is encoded by the CD27 gene. CD27 is a single-pass type I membrane protein with 3 TNFR-Cys repeats. It is a member of the TNF-receptor superfamily and is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70; and plays a key role in regulating Bcell activation and immunoglobulin synthesis. It plays a role in survival of activated T-cells and apoptosis through association with SIVA1.

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