



Recombinant Protein Technical Manual

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

RPE5085

Product Data:

Product SKU: RPE5085

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P26842

Protein Information:

Molecular Mass: 47.2 kDa

AP Molecular Mass: 60 kDa

Tag: C-Fc-6His

Bio-activity:

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

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

Storage: 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, 150mM NaCl, pH 8.0.

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

Application:

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

Immunogen Information:

Sequence: Thr 21-Ile192

Background:

CD27 antigen is also known as CD27L receptor, T-cell activation antigen CD27, Tumor necrosis factor receptor 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 B-cell activation and immunoglobulin synthesis. It plays a role in survival of activated T-cells and apoptosis through association with SIVA1.