

Recombinant Human CD27 Ligand/TNFSF7/CD70 Protein(C-Fc)

Cat.NO.: TP05215

3th Edition

Synonyms:CD70 antigen;CD70;CD27 ligand;Tumor necrosis factor ligand superfamily member 7;CD27LG;TNFSF7;CD27L

Description:CD27 Ligand (CD70) is a 30 kDa type 2 transmembrane glycoprotein that belongs to the tumor necrosis factor (TNF) ligand family. Human CD27 Ligand extracellular region is 64% aa identical to mouse and rat CD27 Ligand extracellular regions. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

Form:PBS

Molecular Weight:43.6 kDa

Sequences:Gln45-Pro193

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.