

Active Recombinant Mouse Cd70 Protein (Gln47-Pro195), N-His tagged, Animal-free, Carrier-free

Cat. No. Cd70-87M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Mouse Cd70 Protein (Gln47-Pro195) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | Gln47-Pro195 |
| Description | CD27L is also named for CD70 which is one member of TNF family. CD27L is expressed on T and B lymphocytes and mature DCs. It binds the CD27, which is on the antigen-presenting cells. CD27L is a 19.2 kDa cytokine with 148 amino acid residues which is a transmembrane glycoprotein. CD27L plays an important role in the regulation of T cell proliferation which is also a good target of cancer immunotherapy. |
| Form | Lyophilized |
| Bio-activity | Measure by its ability to induce proliferation in mouse T cells in the presence of the anti-CD3 antibody. The ED50 for this effect is < 4.5 µg/mL |
| Molecular Mass | The protein has a calculated MW of 17.25 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis). |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|-----------------------|---|
| Endotoxin | < 0.1 EU/μg of the protein by the LAL method. |
| Purity | >98% as determined by SDS-PAGE analysis. |
| Storage | This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles. |
| Storage Buffer | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. |
| Reconstitution | It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved. |
| Shipping | The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage. |

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | Cd70 CD70 antigen [<i>Mus musculus</i> (house mouse)] |
| Official Symbol | Cd70 |
| Synonyms | CD70; CD70 antigen; CD27-L; CD27 ligand; Ki-24 antigen; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; Cd27l; CD27LG; Tnfsf7; |
| Gene ID | 21948 |
| mRNA Refseq | NM_011617 |

 Tel: 1-631-559-9269 1-516-512-3133

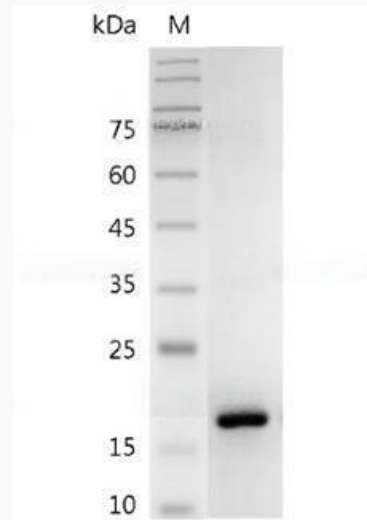
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_035747

UniProt ID O55237

**SDS-PAGE analysis
of recombinant
mouse CD27L.**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA