

32-8389: Recombinant Human CD27 Ligand/TNFSF7/CD70 (C-Fc)

Gene : CD70
Gene ID : 970
Uniprot ID : P32970

Description

Source: Human Cells.

MW :43.6kD.

Recombinant Human CD70 is produced by our Mammalian expression system and the target gene encoding Gln45-Pro193 is expressed with a Fc tag at the C-terminus. The CD70 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH 7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : QQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPDLKGQLRIHRDGIYMVHIQVTLAICSS
TTASRHHPTTLAVGICSPASRSISLLRSLFHQGCTIASQRLTPLARGDTLCTNLTGTLPSRNTDETFFGVQWVR
PVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV
DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFS
CS VMHEALHNHYTQKSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.