

## 32-6566: TNFSF7 Human

**Alternative Name :** CD70 Molecule, TNFSF7, CD27L, Tumor Necrosis Factor (Ligand) Superfamily, Member 7, Tumor Necrosis Factor Ligand Superfamily Member 7, CD70 Antigen, CD27 Ligand, CD27LG, CD27-L, Surface Antigen CD70, Ki-24 Antigen, CD70 antigen.

### Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

CD70 also known as TNFSF7 is a cytokine which binds to CD27. TNFSF7 takes part in T-cell activation as well as induces the proliferation of costimulated T-cells. Moreover, TNFSF7 enhances the generation of cytolytic T-cells. Among the diseases which are associated with TNFSF7: Include acute myocarditis & Myocarditis.

TNFSF7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 178 amino acids (39-193 a.a) and having a molecular mass of 19.5kDa. TNFSF7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 80% as determined by SDS-PAGE.

**Content :** TNFSF7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSQRFAQAAQ QQLPLESLGW DVAELQLNHT GPQQDPRLYW  
QGGPALGRSF LHGPELDKGQ LRIHRDGIYM VHIQVTLAIC SSTASRHHP TTLAVGICSP ASRSISLLRL  
SFHQGCTIAS QRLTPLARGD TLCTNLGTGL LPSRNTDEF FGVQWVRP.