
Product Data Sheet

Product Name: TNFSF7 Human, sf9

Cat. No.: GP20995

Batch No.: 1

Product Data

Purity >98% Source Sf9,Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms CD70Molecule; Tumor Necrosis Factor (Ligand) Superfamily; Member 7; Tumor NecrosisFactor Ligand Superfamily Member 7 ; CD27 Ligand; CD27LG; TNFSF7; CD27-L;CD27L; Tumor Necrosis Factor Ligand 8A; Surface Antigen CD70; Ki-24 Antigen;CD70 Antigen; TNLG8A.

Amino Acid Sequence ADPQRFAQAQQQLPLESLGW DVAELQLNHT GPQQDPRLYW QGGPALGRSF LHGPELDKGQ LRIHRDGIYM VHIQVTLAICSSTTASRHHP TTLAVGICSP ASRSISLLRL SFHQGCTIAS QRLTPLARGD TLCTNLTGTL LPSRNTDETFFGVQWVRPHH HHHH.

Formulation TNFSF7protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and10% glycerol.

Introduction

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.

Stability

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.

Background

TNFSF7 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 164 amino acids (39-193 a.a.) andhaving a molecular mass of 18.2kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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