9051 Mira Mesa Blvd, #910094
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TNFSF8 Human, Sf9

CD30 Ligand Human Recombinant, Sf9
CYK0604

Product Overview

Name	TNFSF8 Human, Sf9

Description

CD30 Ligand Human Recombinant, Sf9

Accession (Primary)	P32971

Synonyms

Tumor Necrosis Factor Superfamily Member 8, Tumor Necrosis Factor (Ligand) Superfamily, Member 8, CD153 Antigen, CD30 Ligand, CD30LG, CD30-L, CD30L, Tumor Necrosis Factor (Ligand) Superfamily Member 8, Tumor Necrosis Factor Ligand 3A, CD30 Antigen Ligand, TNLG3A, CD153, Tumor necrosis factor ligand superfamily member 8, TNFSF8, CD30 ligand.

Introduction

CD30 Ligand (TNFSF8) is a cytokine which is a member of the tumor necrosis factor (TNF) ligand family. The TNFSF8 cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The employment of the TNFSF8 cytokine expressed on B cell surface has an inhibitory role in modulating Ig class switch. TNFSF8 enhances cell proliferation of some lymphoma cell lines, while inducing cell death and reducing cell proliferation of other lymphoma cell lines. The pleiotropic biological activities of the TNFSF8 cytokine on different CD30+ lymphoma cell lines has a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

TNFSF8 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

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.

Purity

Greater than 85% as determined by SDS-PAGE.

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Amino acid sequence

ADP QRTDSIP NSPDNVPLKG GNCSEDLLCI LKRAPFKKSW AYLQVAKHLN KTKLSWNKDG ILHGVRYQDG NLVIQFPGLY FIICQLQFLV QCPNNSVDLK LELLINKHIK KQALVTVCES GMQTKHVYQN LSQFLLDYLQ VNTTISVNVD TFQYIDTSTF PLENVLSIFL YSNSD HHHHH H.

Precautions

TNFSF8 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P32971)