32-6568: TNFSF8 Human, Sf9

Alternative Name :	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.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

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.

TNFSF8 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 181 amino acids (63-234a.a.) and having a molecular mass of 20.7kDa (Molecular size on SDS-PAGE will appear at approximately 18-40kDa). TNFSF8 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 μg / 5 μg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	TNFSF8 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 :	ADPQRTDSIP NSPDNVPLKG GNCSEDLLCI LKRAPFKKSW AYLQVAKHLN KTKLSWNKDG ILHGVRYQDG NLVIQFPGLY FIICQLQFLV QCPNNSVDLK LELLINKHIK KQALVTVCES GMQTKHVYQN LSQFLLDYLQ VNTTISVNVD TFQYIDTSTF PLENVLSIFL YSNSDHHHHH H.