

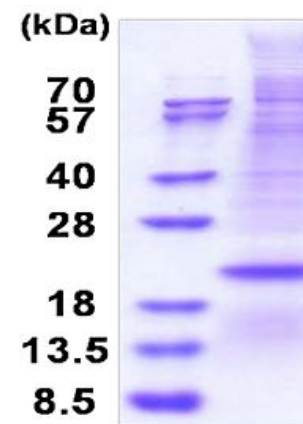
TNFSF8, human recombinant

CATALOG #:	7331-50	50 µg
ALTERNATE NAMES:	tumor necrosis factor ligand superfamily member 8, CD153, CD30L, CD30LG	
SOURCE:	E. coli	
PURITY:	> 80% by SDS-PAGE	
MOL. WEIGHT:	22 kDa (195 aa, 63-234 aa + His Tag), confirmed by MALDI-TOF.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1 µg of protein	
FORM:	Liquid	
FORMULATION:	0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol and 0.4 M Urea.	

STORAGE CONDITIONS: Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: TNFSF8 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. TNFSF8 was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Recombinant human TNFSF8 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AMINO ACID SEQUENCE: MGSSHHHHHH SGLVPRGSH MGSQRTDSIP
 NSPDNVPLKG GNCSEDLCLI LKRAPFKKSW AYLVQAKHLN KTKLSWVKDG
 ILHGVRYQDG NLVIQFPGLY FIICQLQFLV QCPNNSVDLK LELLINKHIK KQALVTVCES
 GMQTKHVYQN LSQFLLDYLQ VNTTISVNVD TFQYIDTSTF PLENVLSIFL YSNSD



15% SDS-PAGE (3ug)

TNFSF8, human recombinant

RELATED PRODUCTS:

- Human Cell^{exp} Human Recombinant TNF-alpha (Cat # 6482-10, -50)
- TNF-alpha, human recombinant (Cat. No. 1050-10, -50, -1000)
- TNF-alpha, murine recombinant (Cat. No. 1051-10, -50, -1000)
- TNF-alpha, rat recombinant (Cat. No. 1052-10, -50, -1000)
- TNF-alpha Antibody (Cat. No. 3052R-100)
- TNF-alpha Antibody (Cat. No. 3053R-100)
- TNF-alpha Antibody (Cat. No. 3054-100)

FOR RESEARCH USE ONLY! Not to be used in humans.

