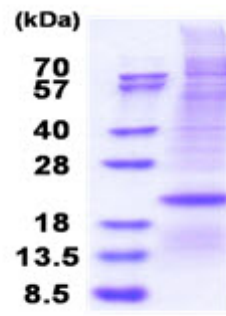


AR51469PU-S**Human CD153 / CD30L (His-tag) - Purified**

Alternate names:	CD30 Ligand, CD30-L, CD30LG, TNFSF8, Tumor necrosis factor ligand superfamily member 8
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P32971
NCBI:	NP_001235
GenelD:	944
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Description:	Recombinant human TNFSF8 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSQRTDSIP NSPDNVPLKG GNCSEDLICI LKRAPFKKSW AYLQVAKHLN KTKLSWNKDG ILHGVRVQDG NLVIQFPGLY FIICQLQFLV QCPNNSVDLK LELLINKHIK KQALVTVCES GMQTKHVYQN LSQFLLDYDQ VNTTISVNVD TFQYIDTSTF PLENVLSIFL YSNSD Molecular weight: 22.0 kDa (195aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Smith C.A., et al (1993). Armitage R.J. Cell 73:1349-1360 Croager E.J., et al (1997). Biochim. Biophys. Acta 1353:231-235

Pictures:



15% SDS-PAGE (3ug)