

Recombinant human CD30 Ligand/TNFSF8 protein

Catalog Number: ATGP3343

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

63-234aa

UniProt No.

P32971

NCBI Accession No.

NP_001235

Alternative Names

Tumor necrosis factor ligand superfamily member 8, TNFSF8, CD153, CD30L, CD30LG, TNLG3A

PRODUCT SPECIFICATION

Molecular Weight

20.7 kDa (181aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Biological Activity

Measured by its binding ability in a functional ELISA with Human CD30/TNFRSF8 (CAT# ATGP3389)

Tag

His-Tag

Application

SDS-PAGE, Bioactivity

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TNFSF8, also known as tumor necrosis factor ligand superfamily member 8, is a type II membrane protein

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belonging to the TNF superfamily. It is expressed on the cell surface of activated T cells, B cells, and monocytes. CD30/TNFRSF8 ligation by TNFSF8 mediates pleiotropic effects including cell proliferation, activation, differentiation and cell death by apoptosis. Recombinant human TNFSF8, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

<ADP>QRTDSIP NSPDNVPLKG GNCSEDLLCI LKRAPFKKSW AYLVQVAKHLN KTKLSWKNKG ILHGVRYQDG NLVIQFPGLY FIICQLQLFLV QCPNNSVDLK LELLINKHIK KQALVTVCES GMQTKHVVQN LSQFLLDYLQ VNTTISVNVD TFQYIDTSTF PLENVLSIFL YSNSD<HHHHH H>

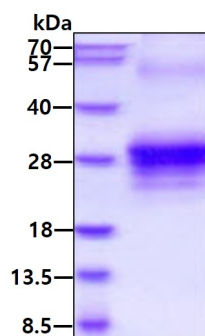
General References

Duckett CS., et al. (1997) Mol. Cell. Biol. 17:1535-1542.

Chiarle R., et al. (1999) J. Immunol. 163:194-205.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

Biological Activity

Human CD30 Ligand/TNFSF8 is coated at 2 ug/ml (100 ul/well) can bind Human CD30/TNFRSF8 (CAT# ATGP3389) in a Functional ELISA assay.

