

Recombinant human CD30/TNFRSF8 protein

Catalog Number: ATGP3222

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

19-379aa

UniProt No.

P28908

NCBI Accession No.

NP_001234

Alternative Names

Tumor necrosis factor receptor superfamily member 8, CD30L receptor, Ki-1 antigen, Lymphocyte activation antigen CD30, D1S166E

PRODUCT SPECIFICATION

Molecular Weight

39.5 kDa (370aa)

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

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

Purity

> 95% by SDS-PAGE

Endotoxin level

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

Tag

His-Tag

Application

SDS-PAGE

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

TNFRSF8, also known as Tumor necrosis factor receptor superfamily member 8, is receptor for TNFSF8/CD30L. It may play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Also, this protein regulates gene expression through activation of NF-kappa-B. As a regulator of apoptosis, TNFRSF8

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induces cell death or proliferation, depending on the cell type. Recombinant human TNFRSF8, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

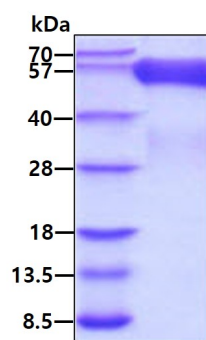
<ADP>FPQDRPF EDTCHGNPSH YYDKAVRRCC YRCPMGLFPT QQCPQRPTDC RKQCEPDYLL DEADRCTACV
TCSRDDLVEK TPCAWNSSRV CECRPGMFCS TSAVNSCARC FFHSVCPAGM IVKFPGTAQK NTVCEPASPG VSPACASPEN
CKEPSSGTIP QAKPTVSPA TSSASTMPVR GGTRLAQEAA SKLTRAPDSP SSVGRPSSDP GLSPTQPCPE GSGDCRKQCE
PDYYLDEAGR CTACVSCSRD DLVEKTPCAW NSSRTCECRP GMICATSATN SCARCVYPI CAAETVTKPQ DMAEKDITFE
APPLGTQPDN NPTPENGEAP ASTSPTQSLV VDSQASKTLP IPTSAPVALS STGK<HHHHHH>

General References

Yao J., et al. (2013) Am. J. Surg. Pathol. 37(9):1407-1412.
Velasquez SY., et al. (2013) Transplantation 96(2):154-161.

DATA

SDS-PAGE



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