

Recombinant mouse 4-1BB/CD137/TNFRSF9 protein

Catalog Number: ATGP3199

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

24-187aa

UniProt No.

P20334

NCBI Accession No.

NP_035742

Alternative Names

Tumor necrosis factor receptor superfamily member 9, 4-1BB ligand receptor, CDw137, T-cell antigen 4-1BB homolog, T-cell antigen ILA, CD137, ly63

PRODUCT SPECIFICATION

Molecular Weight

18.6 kDa (172aa)

Concentration

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

Formulation

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

Purity

> 90% 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

TNFRSF9, also known as tumor necrosis factor receptor superfamily member 9, interacts with TNFSF9 expressed on activated T cells and delivers a co-stimulatory signal for T cell activation and growth. It binds with high affinity to the transmembrane TNFSF9 (4-1BB ligand) which expressed on antigen presenting cells and myeloid

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progenitor cells. Recombinant mouse TNFRSF9, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

VQNSCDNCQP GTFCRKYNPV CKSCPPSTFS SIGGQPNCNI CRVCAGYFRF KKFCSTHNA ECECIEGFHC LGPQCTRCEK
DCRPGQELTK QGCKTCSLGT FNDQNGTGVC RPWTNCSLDG RSVLKTGTTE KDVVCGPPVV SFSPSTTISV TPEGPGGHS
LQVLLEHHHH HH

General References

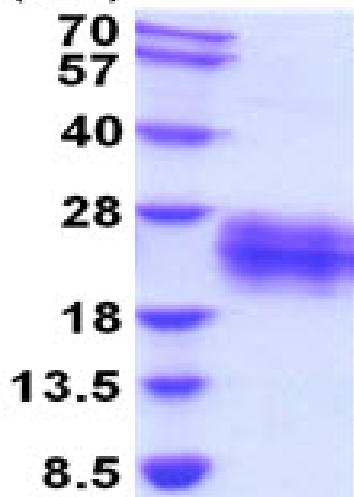
Chalupny NJ et al., (1992) Proc. Natl. Acad. Sci. U.S.A. 89 (21):10360-10364.

Martinez Gomez JM et al., (2013) PLoS ONE 8(9):E73277.

DATA

SDS-PAGE

(kDa)



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

15% SDS-PAGE (3ug)