

Recombinant mouse CD40/TNFRSF5 protein

Catalog Number: ATGP3198

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

20-193aa

UniProt No.

P27512

NCBI Accession No.

NP_035741

Alternative Names

Tumor necrosis factor receptor superfamily member 5, B-cell surface antigen CD40, Bp50, p50, CD40L receptor, CDw40

PRODUCT SPECIFICATION

Molecular Weight

20.1 kDa (180aa)

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

CD40, also known as tumor necrosis factor receptor superfamily member, is receptor for TNFSF5/CD40LG. It transduces TRAF6 and MAP3K8 mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion. Recombinant mouse CD40, fused to His-tag at C-terminus, was

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expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

LGQCVTCSDK QYLHDGQCCD LCQPGSRLTS HCTALEKTQC HPCDSGEFSA QWNREIRCHQ HRHCEPNQGL
RVKKEGTAES DTVCTCKEGQ HCTSKDCEAC AQHTPCIPGF GVMEMATETT DTVCHPCPVG FFSNQSSLFE KCYPWTSCED
KNLEVLQKGT SQTNVICGLK SRMR<HHHHHH>

General References

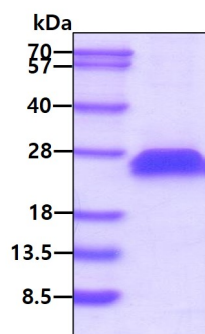
Franco G et al., (2014) Blood 123(12):1836-1849.

Torres RM et al., (1992) J. Immunol. 148(2):620-626.

Jenkinson SR et al., (2013) Proc. Natl. Acad. Sci. U.S.A. 110(52):21107-21112.

DATA

SDS-PAGE



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