

Product Information

MemDX™ Membrane Protein Human CD40 (CD40 molecule, 21-193aa) with C-6xHis for

Antibody Discovery

Cat. No.: **MP1482J**

This product is for research use only and is not intended for diagnostic use.

This product is a 20.2 kDa Human CD40 membrane protein expressed in Mammalian cell. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CD40

Protein Length

Partial (21-193aa)

Protein Class

Immune Checkpoints

Molecular Weight

20.2 kDa

TMD

1

Sequence

EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTETETCLPCGESEFLDTWNRETHCHQHKYCDPNLGLRVQKQGTSETDTICTC

Product Description

Activity

Yes

Expression Systems

Mammalian cell

Tag

C-6xHis

Form

Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Endotoxin

<1.0 EU/μg

Purity

>95% as determined by SDS-PAGE

Buffer

0.2 μm filtered 20 mM PB, 150 mM NaCl, pH 7.4

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

CD40

Full Name

CD40 molecule

Introduction

Receptor for TNFSF5/CD40LG. Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion.

Alternative Names

AI326936; B cell associated molecule CD40; B cell surface antigen CD40; B cell-associated molecule; B-cell surface antigen CD40; p50; Bp50; CD 40; CD40; CD40 antigen (TNF receptor superfamily member 5); CD40 antigen; CD40 molecule; CD40 molecule, TNF receptor superfamily member 5; CD40 protein; CD40 type II isoform; CD40L receptor; CDw40; GP39; HIGM1; IGM; IMD3; MGC9013; Nerve growth factor receptor related B lymphocyte activation molecule; OTTHUMP00000031699; OTTHUMP00000031700; p50; T-BAM; TBAM; TNF receptor superfamily member 5; TNFRSF5; TNRS5_HUMAN; TRAP; Tumor necrosis factor receptor superfamily, member 5; Tumor necrosis factor receptor superfamily member 5; Tumor necrosis factor receptor superfamily member 5 precursor; Tumor necrosis factor receptor superfamily, member 5, isoform CRA_a

Gene ID

[958](#)

UniProt ID

[P25942](#)