

# Product Information

## MemDX™ Membrane Protein Human CD40 (CD40 molecule, 21-193aa) with C-hFc for Antibody Discovery

Cat. No.: **MP1483J**

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

This product is a 46.3 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

46.3 kDa

#### TMD

1

#### Sequence

EPPTACREKQYLINSQCCSLCQPGQKLVS DCTEFTETEC LPCGESEFLDTWNRETHCHQH KYCDPNLGLRVQ QKGTSETDTICTC

### Product Description

#### Activity

Yes

#### Expression Systems

Mammalian cell

#### Tag

C-hFc

#### 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](#)