

Product Information

MemDX™ Membrane Protein Human CD40LG (CD40 ligand) Expressed in *E.coli* with GST tag at the N-terminus for Antibody Discovery, Partial (47-258aa)

Cat. No.: **MPX4472K**

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

This product is a 50.8kDa Human CD40LG membrane protein expressed in *E.coli*. 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

CD40LG

Protein Length

Partial (47-258aa)

Protein Class

Cytokine

Molecular Weight

50.8kDa

TMD

1

Sequence

HRRLDKIEDERNLHEDFVFMKTIQRCNTGERSLSLLNCEEIKSQFEGFVKDIMLNKEETKKENSFEMQKGDQNPQIAAHVISEASSK

Product Description

Expression Systems

E.coli

Tag

GST tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

CD40LG

Full Name

CD40 ligand

Introduction

The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.

Alternative Names

CD40LG; IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L; CD40 antigen ligand; CD40-L; T-B cell-activating molecule; T-cell antigen Gp39; TNF-related activation protein; tumor necrosis factor (ligand) superfamily member 5; CD40 ligand

Gene ID

[959](#)

UniProt ID

[P29965](#)