

# Product Information

## **MemDX™ Antibody Discovery - Human CD27 Ligand / CD70 (52-193) Membrane Protein, Partial, His- Flag- tag, [FITC]**

Cat. No.: **MP1296F**

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

This membrane protein is Human CD27 Ligand / CD70 (52-193). It has been tested in SDS-PAGE, FACS. We provide this protein to facilitate your membrane protein antibody discovery and development.

### Product Specifications

#### Host Species

Human

#### Target Protein

CD27 Ligand / CD70

#### Protein Length

ECD

#### Molecular Weight

The protein has a calculated MW of 49.3 kDa.

#### Sequence

AA Ser 52 - Pro 193 (Accession # P32970-1).

### Product Description

#### Activity

Yes

#### Application

SDS-PAGE, FACS

#### Expression Systems

HEK293

#### Tag

His tag at the N-terminus, followed by a flag tag.

#### Protein Format

Soluble

#### Form

LYOPH

### Reconstitution

Please see Certificate of Analysis for specific instructions.

### Conjugation

FITC

### Buffer

Please contact us for detailed information.

Contact us for customized product form or formulation.

### Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

## Target

### Target Protein

CD27 Ligand / CD70

### Full Name

CD70 molecule

### Introduction

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

### Alternative Names

CD27L; LPFS3; CD27-L; CD27LG; TNFSF7; TNLG8A; CD70 antigen; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand 8A; tumor necrosis factor ligand superfamily member 7

### Gene ID

[970](#)

### UniProt ID

[P32970](#)