

Product Information

MemDX™ Antibody Discovery - Human CD27 Ligand / CD70 (39-193) Membrane Protein, Partial, His- Avi- tag, [Biotin]

Cat. No.: **MP1301F**

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

This membrane protein is Human CD27 Ligand / CD70 (39-193). It has been tested in SDS-PAGE, ELISA. 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 20.7 kDa. The protein migrates as 27-37 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Gln 39 - Pro 193 (Accession # P32970-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

His tag and Avi tag at the N-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

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](#)