

# Product Information

## **MemDX™ Membrane Protein Human CD70 (CD70 molecule) Expressed in Yeast with 6xHis tag at the N-terminus for Antibody Discovery, Partial (39-193aa)**

Cat. No.: **MPX4332K**

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

This product is a 19.1kDa Human CD70 membrane protein expressed in Yeast. 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

CD70

#### Protein Length

Partial (39-193aa)

#### Protein Class

Receptor

#### Molecular Weight

19.1kDa

#### TMD

1

#### Sequence

QRFAQAQQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPFLDKGQLRIHRDGIYMVHIQVTLAICSSTTASRH

### Product Description

#### Expression Systems

Yeast

#### Tag

6xHis 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**

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**

CD70; 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; CD70 molecule

**Gene ID**

[970](#)

**UniProt ID**

[P32970](#)