

Product Information

MemDX™ Membrane Protein Human CD70 (CD70 molecule) expressed in CHO with His tag for Antibody Discovery

Cat. No.: **MP0048Q**

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

This product is a 19 kDa Human CD70 membrane protein expressed in CHO. 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

Protein Class

ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

19 kDa

TMD

1

Sequence

HHHHHHHHHPSPGGSGGQRFAQAQQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPELDKGQLRIHRDGIYM

Product Description

Expression Systems

CHO

Tag

His

Form

Powder

Endotoxin

< 1 EU/μg

Purity

>95% as determined by SDS-PAGE and Coomassie blue staining

Buffer

0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2

Storage

Store at +4°C for up to one week or several months at -80°C

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

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

Gene ID

[970](#)

UniProt ID

[P32970](#)