

Product Information

MemDX™ Membrane Protein Human CD70 (CD70 molecule) for Antibody Discovery

Cat. No.: **MP0644J**

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

This product is a 20.9 kDa Human CD70 membrane protein expressed in HEK293T. 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

Full-length

Protein Class

ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

20.9 kDa

TMD

1

Sequence

MPEEGSGCSVRRRPYGCVLRAALVPLVAGLVICLVVCIQRFAQAQQQLPLESLGWDVAELQLNHTGPQQD
PRLYWQGGPALGRSFLHGPDLKGQLRIHRDGIYMVHIQVTLAICSSTTASRHHPTTLAVGICSPASRSI
SLLRLSFHQGCTIASQRLTPLARGDTLCTNLTGTLTPSRNTDETFFGVQWVRP

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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

CD27L; LPFS3; CD27-L; CD27LG; TNFSF7; TNLG8A

Gene ID

[970](#)

UniProt ID

[P32970](#)