

Product Information

MemDX™ Membrane Protein Human TNFSF8 (TNF superfamily member 8) expressed in CHO for Antibody Discovery

Cat. No.: **MP0049Q**

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

This product is a 21 kDa Human TNFSF8 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

TNFSF8

Protein Length

Partial

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

21 kDa

TMD

1

Sequence

HHHHHHHHPSPGGSGGQRTDSIPNSPDNVPLKGGNCSEDLLCILKRAPFKKSWAYLQVAKHLNKTKLWNKDGLHGVRYQDGNI

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

TNFSF8

Full Name

TNF superfamily member 8

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 TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

CD30L; CD30LG; CD153; TNLG3A; CD153 antigen; CD30-L; CD30 antigen ligand; CD30 ligand; tumor necrosis factor (ligand) superfamily, member 8; tumor necrosis factor ligand 3A; Tumor necrosis factor ligand superfamily member 8

Gene ID

[944](#)

UniProt ID

[P32971](#)