

Product Information

MemDX™ Membrane Protein Human TNFRinsect (TNF receptor superfamily member 9) expressed in insect for Antibody Discovery

Cat. No.: **MP0166Q**

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

This product is a 45.3 kDa Human TNFRSF9 membrane protein expressed in Insect. 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

TNFRSF9

Protein Length

Partial

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

45.3 kDa

TMD

1

Sequence

MGNSCYNIVATLLLVLFNFERTRSLQDPCSNCPAGTFCDNNRNQICSPCPPNSFSSAGGQRTCDICRQCKGVFRTRKECSSTSNAE

Product Description

Expression Systems

Insect

Tag

His

Form

Powder

Endotoxin

< 1.0 EU per 1 microgram of protein

Purity

>90% by SDS - PAGE

Buffer

10% glycerol

Storage

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

Target**Target Protein**

TNFRSF9

Full Name

TNF receptor superfamily member 9

Introduction

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.

Alternative Names

ILA; 4-1BB; CD137; CDw137; Tumor necrosis factor receptor superfamily member 9; 4-1BB ligand receptor; T-cell antigen 4-1BB homolog; T-cell antigen ILA; CD137 antigen; homolog of mouse 4-1BB; induced by lymphocyte activation (ILA); interleukin-activated receptor, homolog of mouse Ly63; receptor protein 4-1BB

Gene ID

[3604](#)

UniProt ID

[Q07011](#)