

## Product Information

### MemDX™ Membrane Protein Human TNFRSF9 (TNF receptor superfamily member 9) for Antibody Discovery

Cat. No.: **MP1299J**

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

This product is a 17.7 kDa Human TNFRSF9 membrane protein expressed in E. coli. 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

Full-length

##### Protein Class

Druggable Genome, Transmembrane

##### Molecular Weight

17.7 kDa

##### TMD

1

##### Sequence

MERTRSLQDPCSNCPAGTFCDNNRNQICSPCPPNSFSSAGGQRTCDICRQCKGVFRTRKECSSTSNAECDCTPGFHCLGAGCSM

#### Product Description

##### Expression Systems

E. coli

##### Tag

Tag Free

##### Form

Liquid

##### 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**

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; 4-1BB ligand receptor; CD137 antigen; T cell antigen ILA; T-cell antigen 4-1BB homolog; 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](#)