

# Product Information

## **MemDX™ Membrane Protein Human TNFSF14 (TNF superfamily member 14) expressed in Hi-5 insect for Antibody Discovery**

Cat. No.: **MP0032Q**

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

This product is a 19.3 kDa Human TNFSF14 membrane protein expressed in Hi-5 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**

TNFSF14

#### **Protein Length**

Partial

#### **Protein Class**

Druggable Genome, Secreted Protein, Transmembrane

#### **Molecular Weight**

19.3 kDa

#### **TMD**

1

#### **Sequence**

RLGEMVTRLPGDPAGSWEQLIQERRSHEVNPAAHLTGANSSLTGSGGPLLWETQLGLAFLRGLSYHDGALVVTKAGYYYIYSKVQ

### Product Description

#### **Expression Systems**

Hi-5 insect

#### **Tag**

Tag Free

#### **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**

TNFSF14

**Full Name**

TNF superfamily member 14

**Introduction**

The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

**Alternative Names**

CD258; HVEM-L; LIGHT; LTg; tumor necrosis factor ligand superfamily member 14; herpesvirus entry mediator ligand; tumor necrosis factor (ligand) superfamily, member 14; tumor necrosis factor ligand 1D; tumor necrosis factor superfamily member 14; HVEM-L

**Gene ID**

[8740](#)

**UniProt ID**

[Q43557](#)