

# Product Information

## MemDX™ Rat TNFRSF18 HEK293T Cell Line

Cat. No.: **S01YF-0123-KX243**

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

### Product Information

#### Target Protein

TNFRSF18

#### Target Protein Species

Rat

#### Accession Number

NM\_001024349.2

#### Protein Tag

Tag-free

#### Host Cell Type

HEK293T

#### Target Classification

Immune Checkpoint

#### Target Family

Immune Checkpoint

#### Target Research Area

Autoimmune Research; Immunology Research

#### Related Diseases

Immunodysregulation; Polyendocrinopathy; Enteropathy; X-Linked and Diverticulitis

### Product Properties

#### Morphology

Fibroblastoid cells growing as a monolayer

#### Assay Types

Drug screening and biological assays

#### Resistance

Puromycin

#### Mycoplasma Testing

Negative

**Sterility Testing**

10 passages

**Biosafety Level**

Level 1

**Activity**

Yes

**Quantity**

5x10<sup>6</sup> cells

**Form**

Frozen cells

**Freeze Medium**

70% DMEM + 20% FBS + 10% DMSO

**Culture Medium**

DMEM + 10% FBS + 0.5µg/mL Puromycin

**Selective Antibiotic(s)**

Regular antibiotics active against mycoplasmas, bacteria and fungi.

**Handling Notes**

Frozen cells should be thawed immediately upon receipt and grown according to handling procedure to ensure cell viability and proper assay performance.

Note: Do not freeze the cells upon receipt as it may result in irreversible damage to the cell line.

Disclaimer: We cannot guarantee cell viability if the cells are not thawed immediately upon receipt and grown according to handling procedure.

**Incubation**

37°C with 5% CO<sub>2</sub>

**Applications**

Drug screening and biological assays

**Application Notes**

Cells were plated in a 384-well plate and incubated overnight at 37°C and 5% CO<sub>2</sub> to allow the cells to attach and grow. Cells were then stimulated with a control for high-throughput drugs screening and functional assays.

**Use Restrictions**

These cells are distributed for research use only.

**Shipping**

Dry ice

**Storage**

Liquid nitrogen

**Target****Full Name**

## TNF receptor superfamily member 18

### Introduction

Predicted to enable tumor necrosis factor-activated receptor activity. Predicted to be involved in positive regulation of cell adhesion; positive regulation of leukocyte migration; and positive regulation of tyrosine phosphorylation of STAT protein. Predicted to be integral component of plasma membrane. Predicted to be active in external side of plasma membrane. Orthologous to human TNFRSF18 (TNF receptor superfamily member 18).

### Alternative Names

tumor necrosis factor receptor superfamily member 18; tumor necrosis factor receptor superfamily, member 18

### Gene ID

[500598](#)

### UniProt ID

[E7FFS7](#)