

Product Information

MemDX™ Human TNFRSF17 CT26 Cell Line

Cat. No.: **S01YF-0123-KX272**

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

Product Information

Target Protein

TNFRSF17

Target Protein Species

Human

Accession Number

NM_001192.3

Protein Tag

Tag-free

Host Cell Type

CT26

Target Classification

Oncology

Target Family

Oncology

Target Research Area

Autoimmune Research; Cancer Research; Inflammation Research

Related Diseases

Inflammatory Bowel Disease; Cryptococcal Meningitis

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

5x10⁶ cells

Form

Frozen cells

Freeze Medium

70% RPMI 1640 + 20% FBS + 10% DMSO

Culture Medium

RPMI 1640 + 10% FBS + 10µg/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% CO₂

Applications

Drug screening and biological assays

Application Notes

Cells were plated in a 384-well plate and incubated overnight at 37°C and 5% CO₂ 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

Introduction

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.

Alternative Names

TNFRSF17; BCM; BCMA; CD269; TNFRSF13A; tumor necrosis factor receptor superfamily member 17; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein; TNF receptor superfamily member 17

Gene ID

[608](#)

UniProt ID

[Q02223](#)