SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Human TNFRSF9 HEK293T Cell Line

Cat. No.: **S01YF-0123-KX345**
This product is for research use only and is not intended for diagnostic use.

Product Information

Target Protein
TNFRSF9

Target Protein Species
Human

Accession Number
NM_001561

Protein Tag
Tag-free

Host Cell Type
HEK293T

Target Classification
Oncology

Target Family
Oncology

Target Research Area
Autoimmune Research; Cancer Research; Immunology Research

Related Diseases
Relapsed/Refractory Diffuse Large B-Cell Lymphoma; Immunodeficiency

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

5x10^6 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_2

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_2 to allow the cells to attach and grow. Cells were then stimulated with a control for high-throughput drugs screening andfunctional assays.

Use Restrictions

These cells are distributed for research use only.

Shipping

Dry ice

Storage

Liquid nitrogen

Target

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

TNFRSF9; ILA; 4-1BB; CD137; CDw137; tumor necrosis factor receptor superfamily member 9; 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; TNF receptor superfamily member 9

Gene ID

3604

UniProt ID

Q07011

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com