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 ROR1 CHO-S Cell Line

Cat. No.: **S01YF-0424-KX24**
This product is for research use only and is not intended for diagnostic use.

Product Information

Target Protein
ROR1

Target Protein Species
Human

Host Cell Type
CHO-S

Target Classification
Others

Target Family
Others

Target Research Area
Auditory and Otology Research

Related Diseases
Deafness

Product Properties

Morphology
Suspension

Assay Types
Functional assay

Mycoplasma Testing
Negative

Biosafety Level
Level 1

Activity
Yes

Quantity

$3x10^6$ cells

Form

Frozen cells

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

Receptor tyrosine kinase like orphan receptor 1

Introduction

This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

ROR1; NTRKR1; dJ537F10.1; inactive tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase, receptor-related 1; Receptor tyrosine kinase like orphan receptor 1

Gene ID

4919

UniProt ID

Q01973