

# Product Information

## MemDX™ Human DLL3 MC-38 Cell Line

Cat. No.: **S01YF-0324-KX50**

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

### Product Information

#### Target Protein

DLL3

#### Target Protein Species

Human

#### Host Cell Type

MC-38

#### Target Classification

Others

#### Target Family

Others

#### Target Research Area

Metabolic Research

#### Related Diseases

Spondylocostal Dysostosis, Autosomal Recessive

### Product Properties

#### Assay Types

Functional assay and biological assay

#### Mycoplasma Testing

Negative

#### Biosafety Level

Level 1

#### Activity

Expression verification; tumorigenicity verification

#### Form

Frozen cells

#### Freeze Medium

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

### Culture Medium

RPMI 1640 + 10% FBS

### 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

Delta like canonical Notch ligand 3

### Introduction

This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mutations in this gene cause autosomal recessive spondylocostal dysostosis 1. Two transcript variants encoding distinct isoforms have been identified for this gene.

### Alternative Names

DLL3; SCDO1; delta-like protein 3; delta-like 3; delta3; drosophila Delta homolog 3; Delta like canonical Notch ligand 3

### Gene ID

10683

### UniProt ID

Q9NYJ7