

# Product Information

## MemDX™ Cyno CD274 HEK293T Cell Line

Cat. No.: **S01YF-0123-KX294**

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

### Product Information

#### Target Protein

CD274

#### Target Protein Species

Cyno

#### Accession Number

XM\_005581779.2

#### Protein Tag

Tag-free

#### Host Cell Type

HEK293T

#### Target Classification

Immune Checkpoint

#### Target Family

Immune Checkpoint

#### Target Research Area

Autoimmune Research; Cancer Research; Immunology Research

#### Related Diseases

Lymphoepithelioma-Like Carcinoma; Pleomorphic Carcinoma

### 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**

CD274 molecule

**Alternative Names**

programmed cell death 1 ligand 1; programmed cell death ligand 1

**Gene ID**

[716043](#)

**UniProt ID**

[G7PSE7](#)