

# Product Information

## MemDX™ Human PVRIG Jurkat Cell Line with NFAT-Luc2 Reporter

Cat. No.: **S01YF-1222-KX887**

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

### Product Information

**Target Protein**

PVRIG

**Target Protein Species**

Human

**Accession Number**

NM\_024070.3

**Protein Tag**

Tag-free

**Host Cell Type**

Jurkat

**Target Classification**

Kinases/Enzyme

**Target Family**

Kinases/Enzyme

**Target Research Area**

Inflammation Research

### Product Properties

**Morphology**

Lymphoblast

**Assay Types**

Drug screening and biological assays

**Assay Reporter**

NFAT-Luc2

**Resistance**

Puromycin; Hygromycin

**Stability**

10 passages

### **Mycoplasma Testing**

Negative

### **Biosafety Level**

Level 1

### **Activity**

Yes

### **Quantity**

5x10<sup>6</sup> cells

### **Form**

Frozen cells

### **Freeze Medium**

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

### **Culture Medium**

RPMI 1640 + 10% FBS + 100µg/mL Hygromycin + 1µg/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**

PVR related immunoglobulin domain containing

**Alternative Names**

PVRIG; CD112R; C7orf15; transmembrane protein PVRIG; CD112 receptor; nectin-2 receptor; poliovirus receptor related immunoglobulin domain containing; poliovirus receptor-related immunoglobulin domain-containing protein; PVR related immunoglobulin domain containing

**Gene ID**

[79037](#)

**UniProt ID**

[Q6DKI7](#)