

Product Information

MemDX™ Human SSTR2 MC-38 Cell Line

Cat. No.: **S01YF-0324-KX133**

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

Product Information

Target Protein

SSTR2

Target Protein Species

Human

Host Cell Type

MC-38

Target Classification

GPCR

Target Family

Somatostatin Receptors

Target Research Area

Cancer Research; CNS Research

Related Diseases

Type C Thymoma; Neuroendocrine Tumor

Product Properties

Assay Types

Functional assay and biological assay

Mycoplasma Testing

Negative

Biosafety Level

Level 1

Activity

Yes

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% CO₂

Applications

Drug screening and biological assays

Application Notes

Cells were plated in a 384-well plate and incubated overnight at 37°C and 5% CO₂ 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

Somatostatin receptor 2

Introduction

Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR2 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in cerebrum and kidney.

Alternative Names

somatostatin receptor type 2; SRIF-1; SS2R; SSTR2; Somatostatin receptor 2

Gene ID

6752

UniProt ID

P30874