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 LILRB2 CHO-S Cell Line

Cat. No.: **S01YF-0424-KX9**
This product is for research use only and is not intended for diagnostic use.

Product Information

Target Protein
LILRB2

Target Protein Species
Human

Host Cell Type
CHO-S

Target Classification
Oncology

Target Family
Oncology

Target Research Area
Oncology

Related Diseases
CNS Research; Immunology Research; Infectious Research

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

Leukocyte immunoglobulin like receptor B2

Introduction

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

LILRB2; ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10; leukocyte immunoglobulin-like receptor subfamily B member 2; CD85 antigen-like family member D; Ig-like transcript 4; leucocyte Ig-like receptor B2; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2; monocyte/macrophage immunoglobulin-like receptor 10; myeloid inhibitory receptor 10; Leukocyte immunoglobulin like receptor B2

Gene ID

10288

UniProt ID

Q8N423