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Product Information

MemDX™ Human AXL & MBIP BaF3 Cell Line

Cat. No.: **S01YF-0324-KX146**
This product is for research use only and is not intended for diagnostic use.

Product Information

Target Protein
AXL & MBIP

Target Protein Species
Human

Host Cell Type
BaF3

Target Classification
Kinases/Enzyme

Target Family
Kinases/Enzyme

Target Research Area
Metabolic Research

Related Diseases
Hypogonadotropic Hypogonadism; Nk-Cell Enteropathy

Product Properties

Assay Types
Functional assay and biological assay

Stability
16 passages

Mycoplasma Testing
Negative

Biosafety Level
Level 1

Activity
Yes

Form

Frozen cells

Freeze Medium

90% 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_2

Applications

Anti-proliferation assay and PD assay

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

AXL receptor tyrosine kinase

Introduction

The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed by two fibronectin type-III motifs. It transduces signals from the extracellular matrix into the cytoplasm by binding to the vitamin K-dependent protein growth arrest-specific 6 (Gas6). This gene may be involved in several cellular functions including growth, migration, aggregation and anti-inflammation in multiple cell types. Alternative splicing results in multiple transcript variants of this gene.

Alternative Names

AXL; ARK; UFO; JTK11; Tyro7; tyrosine-protein kinase receptor UFO; AXL oncogene; AXL transforming sequence/gene; AXL receptor tyrosine kinase

Gene ID

558

UniProt ID

P30530