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Product Information

MemDX™ Human CSF3R BaF3 Cell Line

Cat. No.: **S01YF-0324-KX184**
This product is for research use only and is not intended for diagnostic use.

Product Information

Target Protein
CSF3R

Target Protein Species
Human

Host Cell Type
BaF3

Target Classification
Kinases/Enzyme

Target Family
Kinases/Enzyme

Target Research Area
Cancer Research

Related Diseases
Neutrophilia; Neutropenia

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

Colony stimulating factor 3 receptor

Introduction

The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Alternatively spliced transcript variants have been described. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.

Alternative Names

CSF3R; SCN7; CD114; GCSFR; granulocyte colony-stimulating factor receptor; CD114 antigen; G-CSF receptor; G-CSF-R; colony stimulating factor 3 receptor (granulocyte); Colony stimulating factor 3 receptor

Gene ID

1441

UniProt ID

Q99062

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