

Product Information

MemDX™ Antibody Discovery - Human LIF (23-202) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP0617F**

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

This membrane protein is Human LIF (23-202). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

LIF

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 23.4 kDa. The protein migrates as 37-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Ser 23 - Phe 202 (Accession # P15018-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

His tag at the C-terminus, followed by an Avi tag.

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

LIF

Full Name

LIF interleukin 6 family cytokine

Introduction

The protein encoded by this gene is a pleiotropic cytokine with roles in several different systems. It is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

CDF; DIA; HILDA; MLPLI; leukemia inhibitory factor; D factor; cholinergic differentiation factor; differentiation inhibitory activity; differentiation-inducing factor; differentiation-stimulating factor; hepatocyte-stimulating factor III; human interleukin in DA cells; melanoma-derived LPL inhibitor

Gene ID

[3976](#)

UniProt ID

[P15018](#)