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Product Information

MemDX™ Antibody Discovery - Human M-CSF / CSF-1 (33-255) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP0664F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human M-CSF / CSF-1 (33-255). It has been tested in SDS-PAGE, ELISA, SPR, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
M-CSF / CSF-1

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 28.8 kDa. The protein migrates as 35-48 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Glu 33 - Arg 255 (Accession # P09603-1).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA, SPR, BLI

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 coditions after reconstitution after storage at -80°C.

Target

Target Protein

M-CSF / CSF-1

Full Name

colony stimulating factor 1

Introduction

The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. The encoded protein may be involved in development of the placenta. Alternate splicing results in multiple transcript variants.

Alternative Names

MCSF; CSF-1; macrophage colony-stimulating factor 1; colony stimulating factor 1 (macrophage); lanimostim; macrophage colony stimulating factor 1

Gene ID

1435

UniProt ID

P07333