

Product Information

MemDX™ Membrane Protein Human CSF1 (Colony stimulating factor 1) expressed in E. coli for Antibody Discovery

Cat. No.: **MP0006Q**

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

This product is a 20.7 kDa Human CSF1 membrane protein expressed in E. coli. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CSF1

Protein Length

Partial

Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane

Molecular Weight

20.7 kDa

TMD

1

Sequence

MEEVSEYCSHMGSGHLQSLQRLIDSQMETSCQITFEFVDQEQLKDPVCYLKKAFLLVQDIMEDTMRFRDNTPNIAIVQLQELSLRL
DVVTKPDCN

Product Description

Expression Systems

E. coli

Tag

His

Form

Powder

Purification

Conventional chromatography

Purity

>90% by SDS - PAGE

Buffer

20 mM Tris-HCl buffer (pH 8.0), 2 mM DTT, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CSF1

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

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

Gene ID

[1435](#)

UniProt ID

[P09603](#)