

Product Information

MemDX™ Membrane Protein Human CSF1 (Colony stimulating factor 1) for Antibody

Discovery

Cat. No.: **MP1265J**

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

This product is a 59.9 kDa Human CSF1 membrane protein expressed in HEK293T. 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

Full-length

Protein Class

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

Molecular Weight

59.9 kDa

TMD

1

Sequence

MTAPGAAGRCPPTTWLGSLLLLVCLLASRSITEEVSEYCSHMIGSGHLQSLQRLIDSQMETSQCITFEFV
DQEQLKDPVCYLKKAFLLVQDIMEDTMRFRDNTPNIAIVQLQELSLRLKSCFTKDYEEHDKACVRTFYE
TPLQLLEKVKNVFNETKNLLDKDWNIFSKNCNNSFAECSSQDVVTKPDCNCLYPKAIPSSDPASVSPHQP
LAPSMAPVAGLTWEDSEGTEGSSLLPGEQPLHTVDPGSAKQRPPRSTCQSFEPPEPTPVVKDSTIGGSPQP
RPSVGA FNPGMEDILDSAMGTNWWPEEASGEASEIPVPQGTELSRPGGGSMQTEPARPSNFLSASSPL
PASAKGQQPADVTGTALPRVGPVRPTGQDWNHTPQKTDHPSALLRDPPEPGSPRISLRPQGLSNPSTLS
AQPQLSRSHSSGSVLPLGELEGRRSTRDRRSPAEPGEGPASEGAARPLPRFNSVPLTDTGHERQSEGSSS
PQLQESV FHLLVPSVILVLLAVGGLLFYRWRRRSHQEPQRADSPLEQPEGSPLTQDDRQVELPV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 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; macrophage colony stimulating factor 1

Gene ID

[1435](#)

UniProt ID

[P09603](#)