

Product Information

MemDX™ Membrane Protein Human CSF1 (Colony stimulating factor 1) Full Length

Cat. No.: **MPC1476K**

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

This product is a 60.1 kDa Human CSF1 membrane protein expressed in HEK293. 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

Growth factor; Immunity

Molecular Weight

60.1 kDa

TMD

1

Sequence

MTAPGAAGRCPPTTWLGSLLLLVCLLASRSITEEVSEYCSHMIGSGHLQS
LQRLIDSQMETSCQITFEFVDQEQLKDPVCYLKKAFLLVQDIMEDTMRFR
DNTPNIAIAIVQLQELSLRLKSCFTKDYEEHDKACVRTFYETPLQLLEKVK
NVFNETKNLLDKDWNIFSKNCNNSFAECSSQDVVTKPDCNCLYPKAIPSS
DPASVSPHQPLAPSMAPVAGLTWEDSEGTEGSSLLPGEQPLHTVDPGSAK
QRPPRSTCQSFPEPETPVVKDSTIGGSPQPRPSVGFNPGMEDILDSAMG
TNWVPEEASGEASEIPVPQGTELSRPGGGSMQTEPARPSNFLSASSPL
PASAKGQQPADVTGTALPRVGPVRPTGQDWNHTPQKTDHPSALLRDPPEP
GSPRISSLRPQGLSNPSTLSAQQLSRSHSSGSVLPLGELEGRRSTRDRR
SPAEPGGPASEGAARPLPRFNSVPLTDTGHERQSEGSFSPQLQESVFHL
LVPSVILVLLAVGGLLFYRWRRRSHQEPQRADSPLEQPEGSPLTQDDRQV
ELPV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

CSF1; MCSF; CSF-1; macrophage colony-stimulating factor 1; colony stimulating factor 1 (macrophage); lanimostim; macrophage colony stimulating factor 1; Colony stimulating factor 1

Gene ID

[1435](#)

UniProt ID

[P09603](#)