

Product Information

MemDX™ Membrane Protein Human CSF2RA (Colony stimulating factor 2 receptor subunit alpha, transcript variant 1) for Antibody Discovery

Cat. No.: **MP1129J**

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

This product is a 44.1 kDa Human CSF2RA 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

CSF2RA

Protein Length

Full-length

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

44.1 kDa

TMD

1

Sequence

MLLLVTSLLLCELPHPAFLLIPEKSDLRTVAPASSLNVRFDSTMTNLSWDCQENTTFSKCFLTDKKNRVV
EPRLSNNECSCTFREICLHEGVTFEVHVNTSQRGFQQKLLYPNSGREGTAAQNFSCFIYNADLMNCTWAR
GPTAPRDVQYFLYIRNSKRRREIRCPYYIQDSGTHVGCHLDNLSGLTSRNYFLVNGTSREIGIQFFDSSL
DTKKIERFNPPSNVTVCNTTHCLVRWKQPRTYQKLSYLDYQQLDVHRKNTQPGTENLLINVSGDLENR
YNFPSSEPRAKHSVKIRAADVRLNWSSWSEAIEFGSDDGNLGSVYIYVLLIVGTLVCGIVLGFLFKRFL
RIQRLFPPVPQIKDKLNDNHEVEDEIIWEEFTPEEGKGYREEVLTVEIT

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**

CSF2RA

Full Name

Colony stimulating factor 2 receptor subunit alpha

Introduction

The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble.

Alternative Names

GMR; CD116; CSF2R; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; alphaGMR; GMR-alpha; GMCSFR-alpha; GM-CSF-R-alpha

Gene ID

[1438](#)

UniProt ID

[P15509](#)