

Product Information

MemDX™ Membrane Protein Human CSF2RA (Colony stimulating factor 2 receptor subunit alpha) Full Length

Cat. No.: **MPC3554K**

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

This product is a made-to-order Human CSF2RA 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

CSF2RA

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MLLLVTSLLLCELPHPAFLLIPEKSDLRTVAPASSLNVRFDSTMTNLSWD
CQENTTFSKCFLTDKKNRVVEPRLSNNECSCTFREICLHEGVTFEVHVNT
SQRGFQKLLYPNSGREGTAAQNFSCFIYNADLMNCTWARGPTAPRDVQY
FLYIRNSKRRREIRCPYYIQDSGTHVGCHLDNLSGLTSRNYFLVNGTSRE
IGIQFFDSLDDTKKIERFNPPSNVTVRCNTTHCLVRWKQPRTYQKLSYLD
FQYQLDVHRKNTQPGTENLLINVSGLDENRYNFPSSSEPRAKHSVKIRAAD
VRILNWSSWSEAIEFGSDDGNLGSVYIYVLLIVGTLVCGIVLGFLFKRFL
RIQRLFPPVPQIKDKLNDNHEVEDEIIWEEFTPEEGKGYREEVLTVEIT

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

CSF2RA; GMR; CD116; CSF2R; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; alphaGMR; GMR-alpha; GMCSFR-alpha; GM-CSF-R-alpha; granulocyte-macrophage colony-stimulating factor receptor subunit alpha; CD116 antigen; GM-CSF receptor alpha subunit; alpha-GM-CSF receptor; colony stimulating factor 2 receptor alpha subunit; colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor receptor alpha chain; Colony stimulating factor 2 receptor subunit alpha

Gene ID

[1438](#)

UniProt ID

[P15509](#)