

Product Information

MemDX™ Membrane Protein Human CCL22 (C-C motif chemokine ligand 22) expressed in E. coli for Antibody Discovery

Cat. No.: **MP0002Q**

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

This product is a 10.3 kDa Human CCL22 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

CCL22

Protein Length

Partial

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

10.3 kDa

Sequence

MGPYGANMEDSVCCRDYVRYRLPLRVVKHFYWTSDSCPRPGVLLTFRDKEICADPRVPWVKMILNKLSQ

Product Description

Expression Systems

E. coli

Tag

His

Form

Powder

Endotoxin

< 1 EU/μg

Purification

Conventional chromatography

Purity

>95% by SDS - PAGE

Buffer

PBS, pH 7.4, 10% glycerol

Storage

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

Target**Target Protein**

CCL22

Full Name

C-C motif chemokine ligand 22

Introduction

This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, dendritic cells, natural killer cells and for chronically activated T lymphocytes. It also displays a mild activity for primary activated T lymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lymphocytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a role in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology.

Alternative Names

A-152E5.1; ABCD-1; DC/B-CK; MDC; SCYA22; STCP-1; C-C motif chemokine 22; CC chemokine STCP-1; chemokine (C-C motif) ligand 22; macrophage-derived chemokine; small inducible cytokine A22; small inducible cytokine subfamily A (Cys-Cys), member 22; MDC(1-69); Small-inducible cytokine A22; Stimulated T-cell chemotactic protein 1

Gene ID

[6367](#)

UniProt ID

[Q00626](#)