

Product Information

MemDX™ Membrane Protein Human CXCL10 (C-X-C motif chemokine ligand 10) expressed in E. coli for Antibody Discovery

Cat. No.: **MP1277J**

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

This product is a 8.6 kDa Human CXCL10 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

CXCL10

Protein Length

Full-length

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

8.6 kDa

Sequence

VPLSRTVRCTCISISNQPVNPRSLEKLEIIPASQFCPRVEIIATMKKKGEKRCLNPESKAIKNLLKAVSKERSKRSP

Product Description

Expression Systems

E. coli

Tag

Tag Free

Form

Liquid

Endotoxin

< 1 EU/μg

Purity

> 95% as determined by SDS-PAGE and Coomassie blue staining

Buffer

0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2

Storage

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

Target**Target Protein**

CXCL10

Full Name

C-X-C motif chemokine ligand 10

Introduction

This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. This gene may also be a key regulator of the 'cytokine storm' immune response to SARS-CoV-2 infection.

Alternative Names

C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10

Gene ID

[3627](#)

UniProt ID

[P02778](#)