

Product Information

MemDX™ Membrane Protein Human CX3CR1 (C-X3-C motif chemokine receptor 1) for

Antibody Discovery

Cat. No.: **MP1342J**

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

This product is a 40.4 kDa Human CX3CR1 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

CX3CR1

Protein Length

Full-length

Protein Class

GPCR

Molecular Weight

40.4 kDa

TMD

7

Sequence

MDQFPESVTENFEYDDLAECYIGDIVVFGTVFLSIFYSVIFAIGLVGNLLVVFALTNSK
KPKSVTDIYLLNLALSDLLFVATLPFWTHYLINEKGLHNAMCKFTTAFFFIGFFGSIFFI
TVISIDRYLAIVLAANSMNNRTVQHGVVISLGVWAAAILVAAPQFMFTKQKENECLGDYP
EVLQEIWVPLRNVETNFLGFLPLLIMSYCYFRIIQTLSCKNHKKAKAIKLILLVVIVF
FLFWTPYNVMIFLETCLKLYDFFPSCDMRKDLRLALSVTETVAFSHCCLNPLIYAFAGEKF
RRLYLHLYGKCLAVLCGRSVHVDFFSSSESQRSRHGSVLSSNFTYHTSDGDALLLL

Product Description

Expression Systems

E.coli

Tag

N-His or Tag-Free

Form

Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

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

Target**Target Protein**

CX3CR1

Full Name

C-X3-C motif chemokine receptor 1

Introduction

Fractalkine is a transmembrane protein and chemokine involved in the adhesion and migration of leukocytes. The protein encoded by this gene is a receptor for fractalkine. The encoded protein also is a coreceptor for HIV-1, and some variations in this gene lead to increased susceptibility to HIV-1 infection and rapid progression to AIDS. Four transcript variants encoding two different isoforms have been found for this gene.

Alternative Names

Beta chemokine receptor-like 1; C X3 C CKR 1; C-X3-C CKR-1; CCRL1; Chemokine C X3 C motif receptor 1; CMK BRL 1; CMK-BRL-1; CMK-BRL1; CMKBLR1; CMKDR1; CX3C chemokine receptor 1; CX3C CKR1; CX3C1_HUMAN; CX3CR1; Fractalkine receptor; G-protein coupled receptor 13; GPR13; GPRV28; V28

Gene ID

[1524](#)

UniProt ID

[P49238](#)