

Product Information

NativeExtract™ Human CXCR3 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX431**

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

This product is recombinant Human CXCR3 protein in native nanodisc form. The synthetic compound we developed can solubilize the CXCR3 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

CXCR3

Protein Length

Full length

Molecular Weight

40.5 kDa

Sequence

Accession # [P49682](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target**Target Protein**

CXCR3

Full Name

C-X-C motif chemokine receptor 3

Introduction

This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4.

Alternative Names

GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R; C-X-C chemokine receptor type 3; G protein-coupled receptor 9; IP-10 receptor; Mig receptor; chemokine (C-X-C motif) receptor 3; chemokine receptor 3; interferon-inducible protein 10 receptor; CXCR3; C-X-C motif chemokine receptor 3

Gene ID

[2833](#)

UniProt ID

[P49682](#)