

Product Information

MemDX™ Membrane Protein Human CXCR1 (C-X-C motif chemokine receptor 1) with GST-tag for Antibody Discovery

Cat. No.: **MP0276X**

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

This product is a 64.24 kDa Human CXCR1 membrane protein expressed in *in vitro* wheat germ expression system. 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

CXCR1

Protein Length

Full-length

Molecular Weight

64.24 kDa

Sequence

MSNITDPQMWFDDLNFTGMPPADEDYSPCRLETETLNKYVVIAYALVFLSLLGNSLVMLVILYSRVGRSVTDVYLLNLALADLLFA

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

CXCR1

Full Name

C-X-C motif chemokine receptor 1

Introduction

The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36

Alternative Names

C-C; C-C-CKR-1; CD128; CD181; CDw128a; CKR-1; CMKAR1; IL8R1; IL8RA; IL8RBA; receptor, alpha; interleukin-8 receptor type 1; interleukin-8 receptor type A

Gene ID

[3577](#)

UniProt ID

[P25024](#)