

Product Information

MemDX™ Membrane Protein Human XCR1 (X-C motif chemokine receptor 1) Full Length

Cat. No.: **MPC0335K**

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

This product is a 38.5 kDa Human XCR1 membrane protein expressed in Baculovirus/Insect 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

XCR1

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

38.5 kDa

TMD

7

Sequence

MESSGNPESTTFFYYDLQSQPCENQAWVFATLATTVLYCLVFLSLVGNS
LVLWVLVKYESLESNTNIFILNLCLSDLVFACLLPVWISPYHWGWVLGDF
LCKLLNMIFSISLYSSIFFLTIMTIHRYLSVVSPLSTLRVPTLRCRVLVT
MAVWVASILSSILDITIFHKVLSSGCDYSELTWYLT SVYQHNLFLLSLGI
ILFCYVEILRTLFRSRSKRRHRTVKLIFAIVVAYFLSWGPNFTLFLQTL
FRTQIIRSCEAKQQLEYALLICRNLA FSHCCFNPVLYVFGVKFRTHLKH
VLRQFWFCRLQAPSPASIPHSPGAFAYEGASFY

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

XCR1

Full Name

X-C motif chemokine receptor 1

Introduction

The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains and numerous conserved amino acids. This receptor is most closely related to RBS11 and the MIP1-alpha/RANTES receptor. It transduces a signal by increasing the intracellular calcium ions level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Several alternatively spliced transcript variants encoding the same protein have been found for this gene.

Alternative Names

GPR5; CCXCR1; chemokine XC receptor 1; G protein-coupled receptor 5; XC chemokine receptor 1; chemokine (C motif) XC receptor 1; chemokine (C motif) receptor 1; lymphotactin receptor; XCR1; X-C motif chemokine receptor 1

Gene ID

[2829](#)

UniProt ID

[P46094](#)