

# Product Information

## MemDX™ Membrane Protein Human CXCR5 (C-X-C motif chemokine receptor 5) with GST-tag for Antibody Discovery

Cat. No.: **MP0282X**

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

This product is a 68.4 kDa Human CXCR5 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

CXCR5

#### Protein Length

Full-length

#### Molecular Weight

68.4 kDa

#### TMD

7

#### Sequence

MNYPLTLEMDLENLEDLFWELDRLDNYNDTSLVENHLCPATEGPLMASFKAVFVPVAYSLIFLLGVIGNVLVLVILERHRQTRSSTET

### 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**

CXCR5

**Full Name**

C-X-C motif chemokine receptor 5

**Introduction**

This gene encodes a multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. Alternatively spliced transcript variants encoding different isoforms have been described for this gene

**Alternative Names**

BLR1; CD185; MDR15; MGC117347; Burkitt lymphoma receptor 1; Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5); Burkitt lymphoma receptor 1, GTP-binding protein; C-X-C chemokine receptor type 5; monocyte-derived receptor 15

**Gene ID**

[643](#)

**UniProt ID**

[P32302](#)