



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### CCR5 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001234-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CCR5 full-length ORF (XP\_001125981.1, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MDYQVSSPIYDINYTSEPCQKINVKQIAARLLPPLYSL  
VFIFGFVGNMLVILILINCKRLKSMTDIYLLNLAISDLFFLL  
TVPFWAHYAAAQWDFGNTMCQLLTGLYFIGFFSGIFFII  
LLTIDRYLAVVHAVFALKARTVTFGVVTSVITWVVAVFA  
SLPGIIFTRSQKEGLHYTCSSHFYPSQYQFWKNFQTLK  
IVILGLVPLLMVICYSGILKTLRCRNEKKRHRVRLIF  
TIMIVYFLFWAPYNIVLLLNTFQEFFGLNCCSSNRDQ  
AMQVTETLGMTHCCINPIIYAFVGEKFRNYLLVFFQKHI  
AKRFCKCCSIFQQEAPERASSVYTRSTGEQEISVGL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 66.9

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1234

**Gene Symbol:** CCR5

**Gene Alias:** CC-CKR-5, CCKR5, CD195, CKR-5,

CKR5, CMKBR5, IDDM22

**Gene Summary:** This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. This protein is expressed by T cells and macrophages, and is known to be an important co-receptor for macrophage-tropic virus, including HIV, to enter host cells. Defective alleles of this gene have been associated with the HIV infection resistance. The ligands of this receptor include monocyte chemoattractant protein 2 (MCP-2), macrophage inflammatory protein 1 alpha (MIP-1 alpha), macrophage inflammatory protein 1 beta (MIP-1 beta) and regulated on activation normal T expressed and secreted protein (RANTES). Expression of this gene was also detected in a promyeloblastic cell line, suggesting that this protein may play a role in granulocyte lineage proliferation and differentiation. This gene is located at the chemokine receptor gene cluster region. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]