

Recombinant Human CCR3 Protein, GST-Tagged

Cat. No. CCR3-0691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCR3 full-length ORF (NP_001828.1, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described. [provided by RefSeq, Sep 2009]
Molecular Mass	67.4 kDa
AA Sequence	MTTSLDTVETFGTTSYYDDVGLLCEKADTRALMAQFVPPLYSLVFTVGLLGNVVVM ILIKYRRLRIMTNIYLLNLAISDLLFLVTLPFWIHYVRGHNWVFGHGMCKLLSGFYHTG LYSEIFFIILLTIDRYLAIVHAVFALRARTVTFGVITSIVTWGLAVLAALPEFIFYETEELFE ETLCSALYPEDTVYSWRHFHTLRMTIFCLVPLLVMAICYTGIIKTLLRCPSKKKYKAIR

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LIFVIMAVFFIFWTPYNVAILLSSYQSILFGNDCERSKHLDLVMLVTEVIAYSHCCMNP
VIYAFVGERFRKYLRHFFHRHLLMHLGRYIPFLPSEKLERTSSVSPSTAEPELSIVF

Applications

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

CCR3 chemokine (C-C motif) receptor 3 [Homo sapiens]

Official Symbol

CCR3

Synonyms

CCR3; chemokine (C-C motif) receptor 3; CMKBR3; C-C chemokine receptor type 3; CC CKR 3; CD193; CKR3; CCR-3; C-C CKR-3; b-chemokine receptor; CC chemokine receptor 3; eosinophil eotaxin receptor; eosinophil CC chemokine receptor 3; CC-CKR-3; MGC102841;

Gene ID

1232

mRNA Refseq

NM_001164680

Protein Refseq

NP_001158152

MIM

601268

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