

# Recombinant Full Length Human CCR3 Protein

Cat. No. CCR3-3006HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CCR3 full-length ORF (NP_001828.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	261 amino acids
<b>Description</b>	<p>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]</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	41 kDa
<b>AA Sequence</b>	<p>MTTSLDVTVEFGTTSYYDDVGLLCEKADTRALMAQFVPPLYSLVFTVGLLGNVVVVM ILIKYRRLRIMTNIYLLNLAISDLLFLVTLPFWIHYVRGHNWVFGHGMCKLLSGFYHTG</p>

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LYSEIFFIILLTIDRYLAIVHAVFALRARTVTFGVITSIVTWGLAVLAALPEFIFYETEELFE  
 ETLCSALYPEDTVYSWRHFHTLRMTIFCLVPLLVMAICYTGIIKTLLRCPSKKKYKAIR  
 LIFVIMAVFFIFWTPYNVAILLSSYQSILFGNDCERSKHLDLVMVLVTEVIAYSHCCMNP  
 VIYAFVGERFRKYLRHFFHRHLLMHLGRYIPFLPSEKLERTSSVSPSTAEPELSIVF

<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	CCR3 chemokine (C-C motif) receptor 3 [ Homo sapiens ]
<b>Official Symbol</b>	CCR3
<b>Synonyms</b>	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;
<b>Gene ID</b>	1232
<b>mRNA Refseq</b>	NM_001164680
<b>Protein Refseq</b>	NP_001158152
<b>MIM</b>	601268

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