

Recombinant Full Length Human CCR3 Protein

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LYSEIFFIILLTIDRYLAIVHAVFALRARTVTFGVITSIVTWGLAVLAALPEFIFYETEELFE
ETLCSALYPEDTVYSWRHFHTLRMTIFCLVPLLVMAICYTGIIKTLLRCPSKKKYKAIR
LIFVIMAVFFIFWTPYNVAILLSSYQSILFGNDCERSKHLDLVMLVTEVIAYSHCCMNP
VIYAFVGERFRKYLRHFFHRHLLMHLGRYIPFLPSEKLERTSSVSPSTAEPELSIVF

Applications

Antibody Production
Functional Study
Compound Screening

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

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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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