

Recombinant Full Length Human CCR2 Protein


Cat. No. CCR2-1735HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human CCR2 was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	374 amino acids
Description	<p>This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene.</p>
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	41.2 kDa
AA Sequence	<p>MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFV GNMLVVLILINCKKCLKLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTG LYHIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLP LLIMVICYSGILKTL LRCRNEKKR</p>

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HRAVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTH
 CCINPIIYAFVGEKFRSLFHIALGCRIAPLQKPVCGGPGVVRPGKNVKVTTQGLLDGRG
 KGKSIGRAPEASLQDKEGA

Applications

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

Notes

Best use within three months from the date of receipt of this protein. Heating may
 cause protein aggregation. Please do not heat this product before electrophoresis.

Storage

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

GENE INFORMATION

Gene Name

[CCR2 C-C motif chemokine receptor 2 \[Homo sapiens \]](#)

Official Symbol

[CCR2](#)

Synonyms

CCR2; chemokine (C-C motif) receptor 2; CMKBR2; CC CKR 2; CD192; CKR2;
 FLJ78302; MCP 1 R; CCR2A; CCR2B; CKR2A; CKR2B; MCP-1-R; CC-CKR-2

Gene ID

[729230](#)

mRNA Refseq

[NM_001123041](#)

Protein Refseq

[NP_001116513](#)

MIM


[601267](#)

UniProt ID

[P41597](#)

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