

Recombinant Human CCR2

Cat. No. CCR2-27804TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment (amino acids 1-42) of Human CCR2 with a proprietary tag at the N terminal; 42 amino acids, Predicted MW 30.25 kDa, inclusive of tag.
Species	Human
Source	Wheat Germ
Protein Length	42 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>
Molecular Weight	30.25kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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Storage Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

Sequences of amino acids MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGA

GENE INFORMATION

Gene Name CCR2 chemokine (C-C motif) 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;

Gene ID 1231

MIM 601267

Uniprot ID P41597

Chromosome Location 3p21

Pathway Chemokine receptors bind chemokines, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;

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