

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	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.
Molecular Weight	30.250kDa 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;