

HDFP492

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**Product Information**

<b>Product SKU:</b>	HDFP492	<b>Expression Host:</b>	HEK293	<b>Size:</b>	50µg
<b>Target:</b>	CCR2	<b>Tag:</b>	-		

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**Additional Information**

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P41597
<b>Molecular Weight:</b>	The human full length CCR2 protein has a MW of 41.9 kDa		

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**Protein Information**

<b>Background:</b>	The protein is 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 encoded protein mediates agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This protein can also be a coreceptor with CD4 for HIV-1 infection. This gene is located in the chemokine receptor gene cluster region of chromosome 3.
<b>Synonyms:</b>	CC-CKR-2; CCR-2; CCR2A; CCR2B; CD192; CKR2; CKR2A; CKR2B; CMKBR2; MCP-1-R
<b>Protein Description:</b>	Human CCR2 full length protein-MNP
<b>Formulation:</b>	Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
<b>Protein Pathways:</b>	Chemokine signaling pathway, Cytokine-cytokine receptor interaction.
<b>Protein Families:</b>	Druggable Genome, Transmembrane.
<b>Usage:</b>	Research use only
<b>Storage &amp; Shipping:</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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