

## Recombinant Human CCR1 Protein, GST-Tagged

Cat. No. CCR1-0686H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CCR1 partial ORF (NP_001286.1, 256 a.a. - 355 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	256-355 a.a.
<b>Description</b>	<p>This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite. This gene and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CCXCR1, are found to form a gene cluster on chromosome 3p. [provided by RefSeq, Jul 2008]</p>
<b>Molecular Mass</b>	36.63 kDa
<b>AA Sequence</b>	NLTILISVVFQDFLFTHECEQSRHLDLAVQVTEVIAIYTHCCVNPVIYAFVGERFRKYLRQ

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LFHRRVAVHLVKWLPFLSVDRRLERVSSSTSPSTGEHELSAGF

**Applications**

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

**Storage**

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

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

**Gene Name**

CCR1 chemokine (C-C motif) receptor 1 [ Homo sapiens ]

**Official Symbol**

CCR1

**Synonyms**

CCR1; chemokine (C-C motif) receptor 1; CMKBR1, SCYAR1; C-C chemokine receptor type 1; CD191; CKR 1; MIP1aR; CCR-1; CC-CKR-1; RANTES-R; C-C CKR-1; MIP-1alpha-R; LD78 receptor; RANTES receptor; macrophage inflammatory protein 1-alpha receptor; CKR1; CKR-1; HM145; CMKBR1; SCYAR1;

**Gene ID**

1230

**mRNA Refseq**

NM\_001295

**Protein Refseq**

NP\_001286

**MIM**


601159

**UniProt ID**

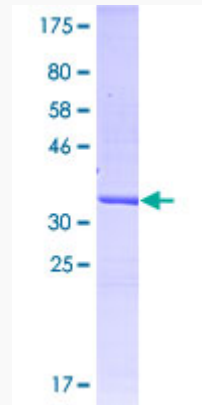
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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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