Recombinant Human CCR1 Protein, GST-Tagged

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

SPECIFICATION

Product Overview	Human CCR1 partial ORF (NP_001286.1, 256 a.a. - 355 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	256-355 a.a.
Description	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]
Molecular Mass	36.63 kDa
AA Sequence	NLTILISVFQDFLFTHECEQSRHLDLAVQVTEVIAYTHCCVNPVIYAFVGERFRKYLRQ

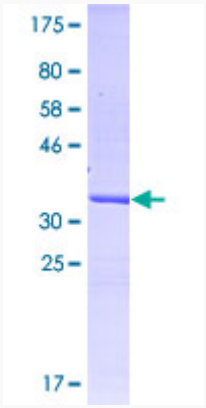
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	LFHRRVAVHLVKWLPFLSVDRLERVSSTSPSTGEHELSAGF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage 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	P32246

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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