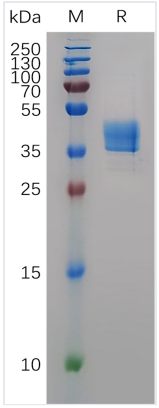
CCR8 Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	CCR8, Recombinant Protein
Full Product Name	Mouse CCR8 Protein, hFc Tag
Product Gene Name	CCR8 recombinant protein
Product Synonym Names	CC-CKR-8; CCR-8; CDw198; CKRL1; CMKBR8; CMKBRL2; CY6; GPRCY6; TER1
Host	HEK293
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Molecular Weight	40,045 Da
3D Structure	ModBase 3D Structure for P56484
Tag	C-Human Fc tag
Product Categories/Family for CCR8 recombinant protein	Bioactive Protein
Related Product Information for CCR8 recombinant protein	Recombinant mouse CCR8 protein with C-terminal human Fc tag Receptor for the CCL1/SCY1/TCA-3 chemokine.
Other Notes	Small volumes of CCR8 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCR8 purchase	MBS189241 is a recombinant protein targeting CCR8. Also known as Mouse CCR8 Protein, hFc Tag. Host: HEK293.



SDS-Page of CCR8 recombinant protein
Figure 1. Mouse CCR8 Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCR8. It may not necessarily be applicable to this product.

NCBI GI #	6671774
NCBI GeneID	12776
NCBI Accession #	NP_031746.1
UniProt Primary Accession #	P56484
UniProt Related Accession #	P56484
GenBank Nucleotide #	NM_007720.2
NCBI Official Full Name	C-C chemokine receptor type 8
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 8
NCBI Official Symbol	Ccr8
NCBI Official Synonym Symbols	C-C; CCR-8; CKR-8; mCCR8; Cmkbr8; CC-CKR-8; C-C CKR-8
UniProt Protein Name	C-C chemokine receptor type 8
UniProt Synonym Protein Names	CD_antigen: CDw198
Protein Family	C-C chemokine receptor
UniProt Gene Name	Ccr8
UniProt Synonym Gene Names	Cmkbr8; Ter1; C-C CKR-8; CC-CKR-8; CCR-8
UniProt Entry Name	CCR8_MOUSE
NCBI Protein Information	C-C chemokine receptor type 8; C-C motif chemokine receptor 8
UniProt Comments for CCR8	CCR8: Receptor for the chemokine CCL1/SCYA1/I-309. May regulate monocyte chemotaxis and thymic cell line apoptosis. Alternative coreceptor with CD4 for HIV-1 infection. Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, integral; Motility/polarity/chemotaxis; Receptor, GPCR; Membrane protein, multi-pass; GPCR, family 1 Cellular Component: membrane; integral to membrane; plasma membrane Molecular Function: G-protein coupled receptor activity; protein binding; signal transducer activity; C-C chemokine receptor activity; chemokine receptor activity Biological Process: G-protein coupled receptor protein signaling pathway; elevation of cytosolic calcium ion concentration; immune response; chemotaxis; signal transduction
Research Articles on CCR8	**1.** Chemokine receptor CCR8 is required for lipopolysaccharide-triggered cytokine production in mouse peritoneal macrophages.
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