

CCR2 protein

Human CCR2 full length protein-synthetic nanodisc

CATALOG #
AAA47618

HOST
HEK293

PRODUCT SYNONYMS

CCR2; Human CCR2 full length protein-synthetic nanodisc; CC-CKR-2; CCR-2; CCR2A; CCR2B; CD192; CKR2; CKR2A; CKR2B; CMKBR2; MCP-1-R; CCR2 protein

PRODUCT SPECIFICATIONS

Host	HEK293
Form/Format	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
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).

IMAGES

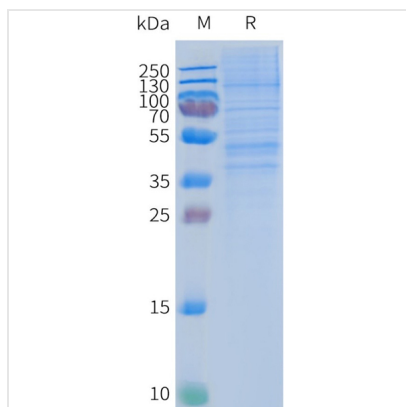

WB (Western Blot)

Figure 3. WB analysis of Human CCR2-Nanodisc with anti-CCR2 monoclonal antibody (BME100087), followed by Goat Anti-Human IgG HRP at 1/5000 dilution

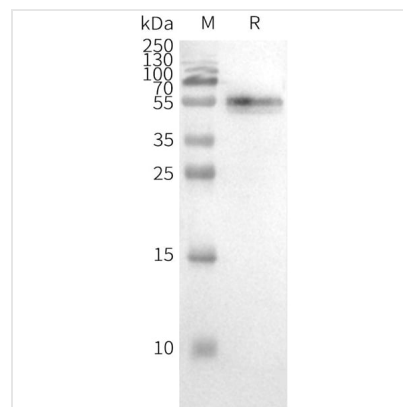

SDS-PAGE

Figure 3. WB analysis of Human CCR2-Nanodisc with anti-CCR2 monoclonal antibody (BME100087), followed by Goat Anti-Human IgG HRP at 1/5000 dilution

ADDITIONAL INFORMATION

Related Product Information for CCR2 protein	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.
Product Categories/Family for CCR2 protein	FLP 489; Full Length Transmembrane Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	1168965
NCBI GeneID	729230

UniProt Accession #	P41597; Q4VBL2; A0AVQ3; B2RMT0
NCBI Official Full Name	C-C chemokine receptor type 2
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 2
NCBI Official Symbol	CCR2
NCBI Official Synonym Symbols	CKR2; CCR-2; CCR2A; CCR2B; CD192; CKR2A; CKR2B; CMKBR2; MCP-1-R; CC-CKR-2
NCBI Protein Information	C-C chemokine receptor type 2; MCP-1 receptor; monocyte chemotactic protein 1 receptor; monocyte chemoattractant protein 1 receptor
UniProt Protein Name	C-C chemokine receptor type 2
UniProt Gene Name	CCR2
UniProt Synonym Gene Names	CMKBR2; C-C CKR-2; CC-CKR-2; CCR-2; CCR2; MCP-1-R
UniProt Entry Name	CCR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hek293-protein/ccr2/47618>