



Recombinant Human C-C chemokine receptor type 2 (CCR2), partial

Product Code	CSB-MP004841HU1
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P41597
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	EKFRSLFHIALGCRIAPLQKPVCGGPGVVRPGKNVKVTTQGLLDGRGKGSIGR APEASLQ DKEGA
Source	Mammalian cell
Target Names	CCR2
Protein Names	Recommended name: C-C chemokine receptor type 2 Short name= C-C CKR-2 Short name= CC-CKR-2 Short name= CCR-2 Short name= CCR2Alternative name(s): Monocyte chemoattractant protein 1 receptor Short name= MCP-1-R CD_ant
Expression Region	310-374
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	This gene encodes two isoforms of 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 receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.