

## PRODUCT INFORMATION

<b>Target</b>	CCR6
<b>Synonyms</b>	CCR-6; KY411; Cmkbr6; CC-CKR-6
<b>Description</b>	Recombinant mouse CCR6 protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	O54689
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc tag
<b>Molecular Characterization</b>	Mouse CCR6(Met1-Val39) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 30.7 kDa after removal of the signal peptide. The apparent molecular mass of mCCR6-hFc is approximately 35-55 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	Enables C-C chemokine binding activity and C-C chemokine receptor activity. Involved in several processes, including immune system development; leukocyte migration; and regulation of cell motility. Located in external side of plasma membrane; sperm plasma membrane; and sperm principal piece. Is expressed in several structures, including central nervous system; gut; immune system; male reproductive gland or organ; and retina. Orthologous to human CCR6 (C-C motif chemokine receptor 6). [provided by Alliance of Genome Resources, Apr 2022]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





Figure 1. Mouse CCR6 Protein, hFc Tag on SDS-PAGE under reducing condition.

