

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Target                       | CCR6  |
| Synonyms                     | BN-1;C-C CKR-6;CC-CKR-6;CCR-6;CD196;CKR-L3;CKRL3;CMKBR6;DCR2;DRY6;GPR29;GPRCY4;STRL22   |
| Description                  | Recombinant Human CCR6 with C-terminal human Fc tag   |
| Delivery                     | In Stock  |
| Uniprot ID                   | P51684  |
| Expression Host              | HEK293  |
| Tag                          | C-Human Fc Tag  |
| Molecular Characterization   | CCR6(Met1-Leu47) hFc(Glu99-Ala330)  |
| Molecular Weight             | The protein has a predicted molecular mass of 31.6 kDa after removal of the signal peptide. The apparent molecular mass of CCR6-hFc is approximately 35-55 kDa due to glycosylation.  |
| Purity                       | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.  |
| Formulation & Reconstitution | 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 of reconstitution.  |
| Storage&Shipping             | 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.   |
| Background                   | 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 gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq, Jul 2008] |
| Usage                        | Research use only   |
| Conjugate                    | Unconjugated  |



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