

## **PRODUCT INFORMATION**

CCR3 **Target** 

C C CKR3;C-C CKR-3;CC-CKR-3;CCR-3;CKR **Synonyms** 3; Eosinophil eotaxin receptor; CD193; CKR3

Recombinant human CCR3 protein with Cterminal human Fc tag

Delivery In Stock

**Uniprot ID** P51677 **Expression Host HFK293** 

C-Human Fc Tag Tag

Molecular

Storage & Shipping

Background

**Description** 

CCR3(Met1-Ala34) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

29.9 kDa after removal of the signal peptide. The apparent molecular mass of CCR3-hFc is **Molecular Weight** 

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue **Purity** 

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. 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.

The protein encoded by this gene is a receptor for

C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This

receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced

transcript variants have been described.

[provided by RefSeq, Sep 2009]

Usage Research use only Conjugate Unconjugated







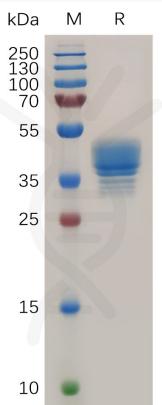


Figure 1. Human CCR3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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