PRODUCT INFORMATION

Target	CCR3
Synonyms	C C CKR3;C-C CKR-3;CC-CKR-3;CCR-3;CKR 3;Eosinophil eotaxin receptor;CD193;CKR3
Description	Recombinant human CCR3 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P51677
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CCR3(Met1-Ala34) hFc(Glu99-Ala330)
Molecular Weight	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 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	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

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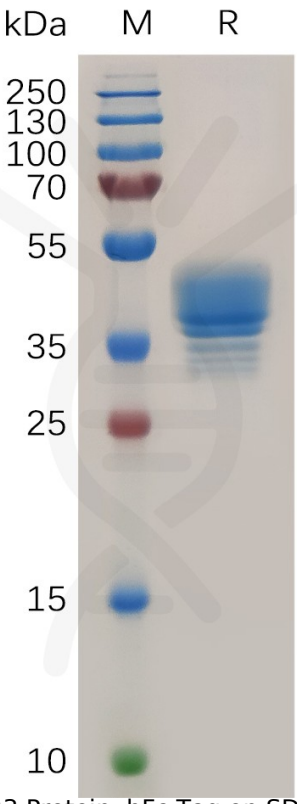


Figure 1. Human CCR3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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