

Datasheet for ABIN6964390
CCR3 Protein (AA 1-34) (Fc Tag)



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1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | CCR3 |
| Protein Characteristics: | AA 1-34 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CCR3 protein is labelled with Fc Tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant human CCR3 protein with C-terminal human Fc tag |
| Specificity: | CCR3 (Met1-Ala34) hFc (Glu99-Ala330) |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | CCR3 |
| Alternative Name: | CCR3 (CCR3 Products) |
| Background: | The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 |

Target Details

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]

Molecular Weight: predicted molecular mass of 29.9 kDa after removal of the signal peptide. The apparent molecular mass of CCR3-hFc is 35-55 kDa due to glycosylation.

UniProt: [P51677](#)

Application Details

Restrictions: For Research Use only

Handling

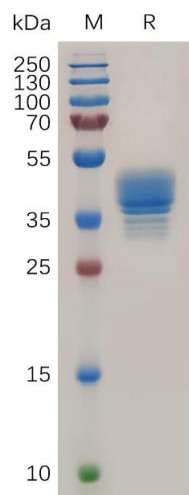
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

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