

HDFP497

Product Information

Product SKU:	HDFP497	Expression Host:	HEK293	Size:	50µg
Target:	CCR3	Tag:	-		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	P51677
Molecular Weight:	The human full length CCR3 protein has a MW of 41.0 kDa		

Protein Information

Background: The protein 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.

Synonyms: CC-CKR-3; C C CKR3; CD193; CKR 3; CKR3; CMKBR3

Protein Description: Human CCR3 full length protein-MNP

Formulation: Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction.

Protein Families: Druggable Genome, GPCR, Transmembrane.

Usage: Research use only

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.

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