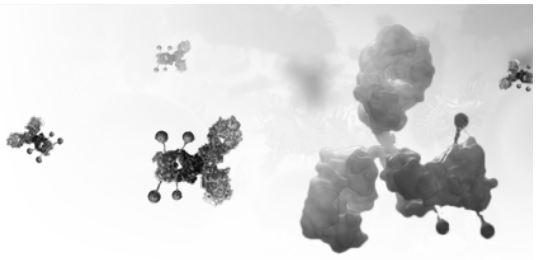

CCR3 blocking peptide (CDBP5276)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CCR3 chemokine (C-C motif) receptor 3 [Homo sapiens (human)]
Official Symbol	CCR3
Synonyms	CCR3; chemokine (C-C motif) receptor 3; CKR3; CD193; CMKBR3; CC-CKR-3; C-C

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	chemokine receptor type 3; CCR-3; C-C CKR-3; b-chemokine receptor; CC chemokine receptor 3; eosinophil eotaxin receptor; eosinophil CC chemokine receptor 3
Entrez Gene ID	1232
mRNA Refseq	NM_001164680
Protein Refseq	NP_001158152
UniProt ID	P51677
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs
Function	C-C chemokine receptor activity; chemokine receptor activity; protein binding

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