

Proteoliposomes

Full-Length

CCR3 (Human) Recombinant Protein

Catalog # H00001232-G01

Size 10 ug

Specification

Product Description	Human CCR3 full-length ORF (NP_001828.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MTTSLDTVETFGTTSYYDDVGLLCEKADTRALMAQFVPPLYSLVFTVGLLGNNVVVMILIKYRRLRI MTNYLLNLAISDLLFLVTLPPFWIHYVRGHNWVFGHGMCKLLSGFYHTGLYSEIFFIILLTIDRYLAMHA VFALRARTVTFGVITSMTWGLAVLAALPEFIFYETEELFEETLCSALYPEDTVYSWRHFHTLRMTIF CLVLPLLVMAICYTGIKTLRLCPSKKKYKAIRLIFVIMAVFFIFWTPYNVAILLSSYQSILFGNDCERSK HLDLVMLVTEVIAYSHCCMNPVIYAFVGERFRKYL RHFFHRHLLMHLGRYPFLPSEKLERTSSVSP STAEPELSIVF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41
Interspecies Antigen Sequence	Mouse (70); Rat (69)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CCR3

Entrez GeneID	1232
GeneBank Accession#	NM_001837.2
Protein Accession#	NP_001828.1
Gene Name	CCR3
Gene Alias	CC-CKR-3, CD193, CKR3, CMKBR3, MGC102841
Gene Description	chemokine (C-C motif) receptor 3
Omim ID	601268
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	CC chemokine receptor 3 OTTHUMP00000164718 b-chemokine receptor eosinophil CC chemokine receptor 3 eosinophil eotaxin receptor

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)

- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Celiac Disease](#)
- [Chlamydia Infections](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Eosinophilia](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Migraine Disorders](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Obesity](#)

- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Pneumonia](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Trachoma](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)