

Proteoliposomes

Full-Length

CCR2 (Human) Recombinant Protein

Catalog # H00729230-G01

Size 10 ug

Specification

Product Description	Human CCR2 full-length ORF (ADR82956.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILI NCKKLKCLTDMYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRY LANHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRGWNNFHTIMR NILGLVPLLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWTPYNMILLNTFQEFFGLSNCE STSQLDQATQVTETLGMTHCCINPIYAFVGEKFRSLFHIALGCRIAPLQKPVCGGPGVRPGKNVKV TTQGLLDGRGKGKSGRAPEASLQDKEGA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41.2
Interspecies Antigen Sequence	Mouse (77)
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 — CCR2

Entrez GeneID [729230](#)

GeneBank Accession# [HQ258202.1](#)

Protein Accession# [ADR82956.1](#)

Gene Name CCR2

Gene Alias MGC168006

Gene Description chemokine (C-C motif) receptor 2-like

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene. [provided by RefSeq]

Other Designations -

Publication Reference

- [The staphylococcal toxins \$\gamma\$ -haemolysin AB and CB differentially target phagocytes by employing specific chemokine receptors.](#)

Spaan AN, Vrieling M, Wallet P, Badiou C, Reyes-Robles T, Ohneck EA, Benito Y, de Haas CJ, Day CJ, Jennings MP, Lina G, Vandenesch F, van Kessel KP, Torres VJ, van Strijp JA, Henry T.

Nature communications 2014 Nov; 5:5438.

Application: Surface plasmon resonance, Recombinant protein

Pathway

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

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Albuminuria](#)
- [Arthritis](#)
- [Asthma](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chorioamnionitis](#)
- [Cognition Disorders](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cumulative Trauma Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Endometrial Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)

- [Lung Neoplasms](#)
- [Lupus Nephritis](#)
- [Lymphoma](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasm Invasiveness](#)
- [Neuropsychological Tests](#)
- [Obstetric Labor](#)
- [Papillomavirus Infections](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Retinal Diseases](#)
- [Rhabdomyolysis](#)
- [Substance Abuse](#)
- [Tuberculosis](#)
- [Tumor Virus Infections](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)