

Bioactive

Ccl2 (Rat) Recombinant Protein

Catalog # P9511

Size 2 x 10 ug

Specification

Product Description	Rat Ccl2 (P14844, 24 a.a. - 148 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	QPDVAVNAPLTCCYSFTGKMIPMSRLENYKRITSSRCPEAVVFVTKLKREICADPNKEWVQKYIRK LDQNQVRSETTVFYKIASTLRTSAPLNVNLTHKSEANASTLFTTTTSSTSVEVTSMTEN
Host	Escherichia coli
Theoretical MW (kDa)	14.1
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 98.0% by SDS-PAGE
Activity	The ED ₅₀ is 1 - 10 ng/mL was determined by measuring the dose dependent chemotaxis with human THP-1 cells, corresponding to a specific activity of 100000 - 1000000 IU/mg. The optimal concentration should be determined for each specific application by an initial dose-response assay.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Ccl2

Entrez GeneID	24770
Protein Accession#	P14844
Gene Name	Ccl2
Gene Alias	MCP-1, Scya2, Sigje
Gene Description	chemokine (C-C motif) ligand 2
Gene Ontology	Hyperlink
Other Designations	monocyte chemoattractant protein-1 monocyte chemotactic protein 1 small inducible cytokine A2 small inducible gene JE