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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## GFR22 Recombinant Rat MCP-1 / CCL2

### Description

Monocyte Chemotactic Protein 1 (MCP-1), also known as CCL2, is produced by injured or infected tissues. MCP-1 signals through the CCR2 and CCR4 G protein-coupled receptors to recruit memory T cells, monocytes, and dendritic cells to sites of inflammation.

<b>Length</b>	125 aa
<b>Molecular Weight</b>	14.1 kDa
<b>Source</b>	E. coli
<b>Accession Number</b>	P14844
<b>Purity</b>	≥95% determined by reducing and non-reducing SDS-PAGE

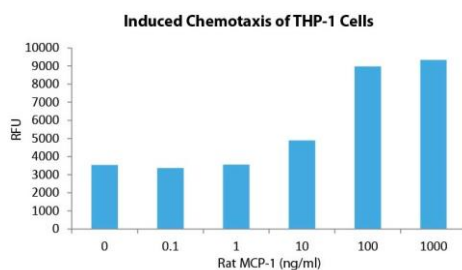
### Specifications

<b>Alternative Names</b>	Monocyte Chemotactic Protein 1, CCL2, JE, MCAF
<b>Biological Activity</b>	Rat MCP-1 is fully biologically active when compared to standard. The activity is determined by the ability to induce chemotaxis of THP-1 cells.
<b>Endotoxin Level</b>	≤1.00 EU/μg as measured by kinetic LAL
<b>Formulation</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
<b>AA Sequence</b>	QPDVAVNAPLT CCYSFTGKMI PMSRLENYKR ITSSRCPKEA VVFVTKLKRE ICADPNKEWV QKYIRKLDQN QVRSETTVFY KIASLRTSA PLNVNLTHKS EANASTLFST TTSSTSV EVT SMTEN

### Preparation and Storage

<b>Reconstitution</b>	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
<b>Stability and Storage</b>	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.

### Data



Induced chemotaxis of THP-1 cells assay for Rat MCP-1. Cells that migrated were counted using a luminescent substrate. Migration over basal levels was reported in response to Rat MCP-1 starting at 10 ng/ml.