

## Recombinant Rat Ccl2 protein, His-tagged

**Cat. No.** Ccl2-02R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant rat CCL2/JE/MCP-1 protein (24-148aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| <b>Species</b>          | Rat                                                                                                                                                                          |
| <b>Source</b>           | Insect cells                                                                                                                                                                 |
| <b>ProteinLength</b>    | 24-148 a.a.                                                                                                                                                                  |
| <b>Description</b>      | A monocyte chemoattractant protein.                                                                                                                                          |
| <b>Form</b>             | Liquid                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 15.1 kDa                                                                                                                                                                     |
| <b>AA Sequence</b>      | QPDAVNAPLTCCYSFTGKMIPMSRLENYKRITSSRCPKEAVVFVTKLKREICADPNK<br>EWVQKYIRKLDQNQVRSETTVFYKIASTLRTSAPLNVNLTHKSEANASTLFSTTTSSST<br>SVEVTSMTEN                                       |
| <b>Endotoxin</b>        | < 1 EU/μg of protein (determined by LAL method)                                                                                                                              |
| <b>Purity</b>           | > 90% by SDS-PAGE                                                                                                                                                            |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.                                                                                                                                                                    |
| <b>Concentration</b>    | 0.5 mg/mL                                                                                                                                                                                                                                                                                                                          |
| <b>Storage Buffer</b>   | In Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol                                                                                                                                                                                                                                                                      |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | Ccl2 C-C motif chemokine ligand 2 [ <i>Rattus norvegicus</i> (Norway rat) ]                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | Ccl2                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | Ccl2; C-C motif chemokine ligand 2; MCP-1; Scya2; Sigje; C-C motif chemokine 2; chemokine (C-C motif) ligand 2; immediate-early serum-responsive JE protein; immediate-early serum-responsive protein JE; monocyte chemoattractant protein 1; monocyte chemotactic protein 1; small inducible cytokine A2; small inducible gene JE |
| <b>Gene ID</b>          | 24770                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_031530                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_113718                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>       | P14844                                                                                                                                                                                                                                                                                                                             |