

## CCL2/MCP-1 recombinant protein

Recombinant Mouse CCL2/MCP-1 Protein

CATALOG #  
**AAA282573**

HOST  
**HEK293 cells**

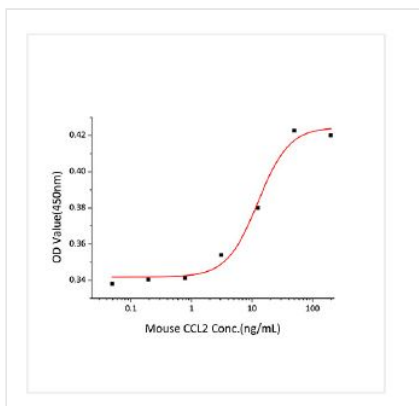
### PRODUCT SYNONYMS

CCL2/MCP-1; Recombinant Mouse CCL2/MCP-1 Protein; C-C motif chemokine ligand 2; CCL2; GDCF-2; HC11; HSMCR30; MCAF; Mcp1; MCP-1; SCYA2; SMC-CF; CCL2/MCP-1 recombinant protein

### PRODUCT SPECIFICATIONS

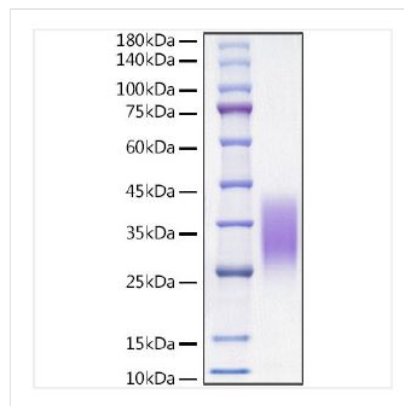
|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                  |
| Purity/Purification     | > 95% by SDS-PAGE.                                                                                                                                                                                                                            |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                        |
| Species                 | Mouse                                                                                                                                                                                                                                         |
| Tag                     | C-His                                                                                                                                                                                                                                         |
| Bioactivity             | Measured by its ability to chemoattract THP-1 cells. The ED50 for this effect is typically 6.2-25.0 ng/mL.                                                                                                                                    |
| Preparation and Storage | Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles.<br>Ship: Ice Pack |

### IMAGES



#### Application Data

Recombinant Mouse CCL2 chemoattract THP-1 cells. The ED50 for this effect is typically 6.2-25.0 ng/mL.



#### SDS-PAGE

Active Recombinant Mouse CCL2/MCP-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-37kDa.

### ADDITIONAL INFORMATION

#### Related Product Information for CCL2/MCP-1 recombinant protein

Recombinant Mouse CCL2/MCP-1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln 24-Asn148) of mouse CCL2/MCP-1 (Accession #NP\_035463.1) fused with a 6×His tag at the C-terminus.

#### Product Categories/Family for CCL2/MCP-1 recombinant protein

[Cytokines & Cytokine receptors](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6755430                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 20296                                                                                                                                                                                                                                        |
| NCBI Accession #                 | NP_035463.1                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_011333.3                                                                                                                                                                                                                                  |
| UniProt Accession #              | P10148; Q9QYD7                                                                                                                                                                                                                               |
| Molecular Weight                 | 16,326 Da                                                                                                                                                                                                                                    |
| NCBI Official Full Name          | C-C motif chemokine 2                                                                                                                                                                                                                        |
| NCBI Official Synonym Full Names | chemokine (C-C motif) ligand 2                                                                                                                                                                                                               |
| NCBI Official Symbol             | Ccl2                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | JE; HC11; MCAF; MCP1; MCP-1; Scya2; Sigje; SMC-CF; AI323594                                                                                                                                                                                  |
| NCBI Protein Information         | C-C motif chemokine 2; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic protein 1; platelet-derived growth factor-inducible protein JE; small inducible cytokine A2; small-inducible cytokine A2 |
| UniProt Protein Name             | C-C motif chemokine 2                                                                                                                                                                                                                        |
| UniProt Gene Name                | Ccl2                                                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | Je; Mcp1; Scya2; MCP-1                                                                                                                                                                                                                       |
| UniProt Entry Name               | CCL2_MOUSE                                                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ccl2-recombinant-protein-hek293-cells/282573>