

CCL2/MCP-1 recombinant protein

Recombinant Mouse CCL2/MCP-1 Protein

CATALOG #
AAA282579

HOST
Pichia

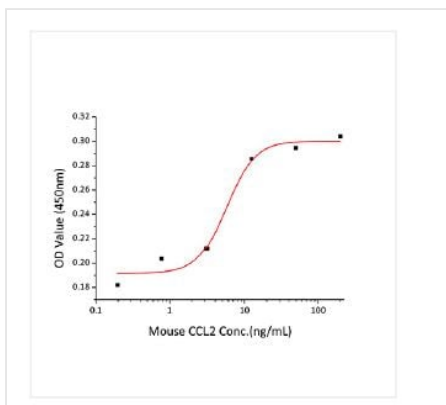
PRODUCT SYNONYMS

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

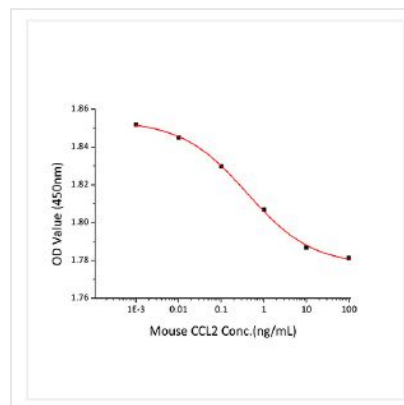
Host	Pichia
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	No tag
Bioactivity	1. Measured by the ability to inhibit the proliferation of HUVEC(Human Umbilical Vein Endothelial Cells).The ED50 for this effect is 0.20-0.80 ng/mL. 2. Measured by its ability to chemoattract THP-1 cells. The ED50 for this effect is typically 2.87-11.48 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. Ship: Ice Pack

IMAGES



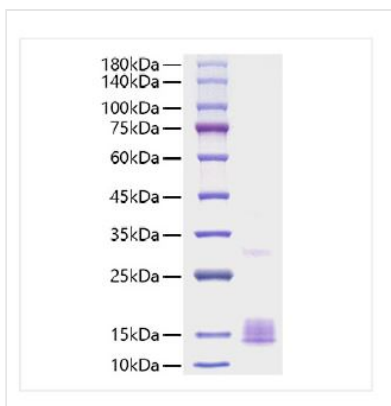
Application Data

Recombinant Mouse CCL2 chemoattract THP-1 cells. The ED50 for this effect is typically 2.87-11.48 ng/mL.



Application Data

Recombinant Mouse CCL2 inhibit the proliferation of HUVEC(Human Umbilical Vein Endothelial Cells).The ED50 for this effect is 0.20-0.80 ng/mL.



SDS-PAGE

Active Recombinant Mouse CCL2/MCP-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 14-18 kDa.

ADDITIONAL INFORMATION

Related Product Information for CCL2/MCP-1 recombinant protein	Recombinant Mouse CCL2/MCP-1 Protein is produced by <i>Pichia</i> expression system. The target protein is expressed with sequence (Gln 24-Asn148) of mouse CCL2/MCP-1 (Accession #NP_035463.1) fused with a additional amino acid free.
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.