

# Recombinant Mouse CCL2/JE/MCP-1 Protein (Trx Tag)

RPE8175



## Product Information

<b>Product SKU:</b> RPE8175	<b>Expression Host:</b> E.coli	<b>Size:</b> 20µg
<b>Tag:</b> N-Trx	<b>Reactivity:</b> Mouse	<b>Accession:</b> P10148

## Additional Information

<b>Calculated MW:</b> 28 kDa	<b>Observed MW:</b> 30 kDa
<b>Sequence:</b> Gln24-Arg96	

## Protein Information

**Background:** Monocyte chemoattractant protein 1 (CCL2/JE/MCP-1), also called CCL2, belongs to a group of CC chemokines located in chromosome 17q11.2. CCL2/JE/MCP-1 protein interacts with chemokine C-C motif receptor 2 (CCR2) to activate and recruit monocytes, macrophages, CD4+ T cells and immature dendritic cells to the site of infection. The presence of CCL2/JE/MCP-1 protein in an adequate concentration is important for granuloma formation and M. tuberculosis clearance.

**Synonyms:** CCL, Scya, C-C motif chemokine, Small-inducible cytokine A, Monocyte chemotactic protein, Monocyte chemoattractant protein, GDCF, HSMCR, 1110006O16Rik, 1700006N07Rik, C-C motif chemokine 2, GDCF-2, HC11, HSMCR30, MCAF, MCP-1, Monocyte chemoattractant protein 1, Monocyte chemotactic protein 1, Platelet-derived growth factor-inducible protein JE, Small-inducible cytokine A2, SMC-CF, Zcyto, Zcyto7, Je, Mcp1, Scya2, Ccl2, Scya2

**Endotoxin:** < 10 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

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**Storage:**

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.