

# Recombinant Rat Monocyte Chemoattractant Protein 3/CCL7

Catalog No: #AP60379

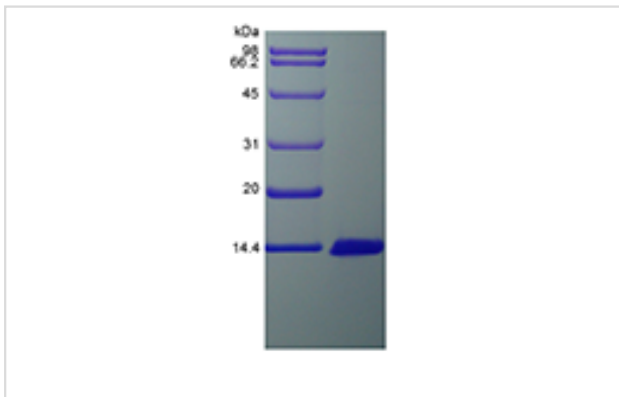
Package Size: #AP60379-1 10ug #AP60379-2 100ug #AP60379-3 500ug

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## Description

Product Name	Recombinant Rat Monocyte Chemoattractant Protein 3/CCL7
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Other Names	Protein FIC, Small-inducible Cytokine A7, Intercrine/chemokine MARC
Calculated MW	Approximately 8.5 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.
Target Sequence	QPDGTNSSTC CYVKKQKIPK RNLKSYRKIT SSRCPWEAVI FKTKKGMEEVC AEAHQKWWEE AIAYLDMKTS TPKP
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2 x PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> <li>-□ A minimum of 12 months from date of receipt, when stored at &amp;le;-20 °C as supplied.</li> <li>-□ 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>-□ 3 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## Images



## Background

Rat CCL7, belonging to the CC chemokine family, is also named as MCP-3, because the sequence comparison suggested that the rat CCL7 is a homologue of the human MCP-3 and is postulated the rat MCP-3. The MCP-3 protein family signals through CCR2 expect MCP-1 and possess cross-reacts across species. CCL7/MCP3 has chemotactic functions for monocytes and eosinophils, but not for neutrophils. Additionally, it can activated NK cells as well as CD4+ and CD8+ T lymphocytes. CCL7 was found to interact with MMP2.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.