



# Product Data Sheet

Recombinant Mouse MCP-3 / CCL7

Catalog Number: 200-40

## Product Description

**Alternate Names:** CCL7, MARC

**Accession Number:** Q03366

**Description:** Monocyte chemotactic protein 3 (MCP-3), also called CCL7, is produced by macrophages and tumor cell lines. MCP-3 signals through the G protein-coupled receptors CCR1, CCR2, and CCR3. MCP-3 chemoattracts monocytes and regulates macrophage function during inflammation and metastasis.

**Source:** Genetically modified *E.coli*.

**Predicted MW:** Monomer, 8.5 kDa (with 74 amino acids)

**AA Sequence:** QPDGPNASTC CYVKKQKIPK RNLKSYRRIT SSRCPWEAVI FKTKKGMEVC AEAHQKWVEE AIAYLDMKTP TPKP

**Formulation:** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)

## Product Specifications\*

\*Lot-specific values for the following specifications are supplied with each production lot on its corresponding COA.

Specification	Method of Determination	Acceptance Criteria
Purity	Reducing and Non-Reducing SDS-PAGE	≥ 95%
Endotoxin	Kinetic LAL (50% confidence)	≤ 1 EUs/μg

## Product Preparation and Storage

**Country of Origin:** USA

**Shipping:** Room temperature

**Storage Prior to Reconstitution:** -20°C

**Product Reconstitution:** Sterile water at 0.1 mg/mL

**Instructions:** Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws.

### Expiration Date:

12 months from date of receipt when stored at -20°C to -80°C as supplied.

1 month when stored at 4°C after reconstituting as directed.

3 months when stored at -20°C to -80°C after reconstituting as directed.

**THIS PRODUCT IS FOR RESEARCH USE ONLY AND IS NOT FOR USE IN HUMANS!**