

## Datasheet for ABIN6699651 **CCL7 Protein**



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### Overview

Quantity:	10 µg
Target:	CCL7
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Rat Monocyte Chemotactic Protein-3 (CCL7) Recombinant Protein
Purification:	Monocyte Chemotactic protein-3 (CCL7) purity was determined to be greater than 97% as determined by HPLC, analysis by UV-Spectroscopy at 280nm, and by reducing and non-reducing SDS-pAGE.
Purity:	97,00%
Endotoxin Level:	Measured by LAL is typically $\leq 1$ EU/µg protein.
Biological Activity Comment:	The activity is determined by the ability to chemoattract human monocytes or THP-1 cells at 1-100 ng/mL.

### Target Details

Target:	CCL7
Alternative Name:	Ccl7 ( <a href="#">CCL7 Products</a> )
Background:	Synonyms: MARC, Monocyte chemoattractant protein 3, Monocyte chemotactic protein 3 (MCP-3), Small-inducible cytokine A7

## Target Details

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Background: Monocyte Chemotactic Protein 3 (MCP-3), also called CCL7, is chemokine produced by macrophages and some tumor cell lines. MCP-3 signals through three different G protein-coupled receptors, CCR1, CCR2, and CCR3. CCL7 chemoattracts monocytes and can regulate macrophage function. Recombinant rat MCP-3 is a non-glycosylated protein, containing 75 amino acids, with a molecular weight of 8.6 kDa.

UniProt: [Q9QXY8](#)

## Application Details

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Application Notes: Other: User Optimized  
Application\_Note: Monocyte Chemotactic Protein-3 Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Monocyte Chemotactic Protein-3 in immunological assays.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitution\_Buffer: Restore with deionized water (or equivalent)  
Reconstitution\_Volume: 10 µL (10-100 µL)

Buffer: Buffer: 0.1 % Trifluoroacetic acid  
Stabilizer: None

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months