

Datasheet for ABIN6952215  
**CCL7 Protein (AA 24-99)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	CCL7
Protein Characteristics:	AA 24-99
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Cell Migration Assay (CMA)

## Product Details

Sequence:	QPVGINSTTT CCYRFINKKI PKQRLESYRR TTSSHCPREA VIFKTKLDKE ICADPTQKWV QDFMKHLDKK TQTPKL
Characteristics:	Recombinant Human CCL7 (MCP-3)
Purity:	> 97 % by SDS PAGE
Endotoxin Level:	<0.01 EU per 1µg of the protein by the LAL method
Biological Activity Comment:	EC50 = 0.44 nM determined by Migration Assay in cells expressing recombinant CCR2

## Target Details

Target:	CCL7
Alternative Name:	CCL7 (MCP-3) ( <a href="#">CCL7 Products</a> )

## Target Details

Background:	Monocyte chemoattractant protein 3 (MCP-3/CCL7) is secreted by monocytes and certain tumor cell lines. It is a chemoattractant for monocytes and other leukocytes. MCP-3 binds and signals through several chemokine receptors including CCR1, CCR2, CCR3, and appears to be an antagonist for CCR5.
Molecular Weight:	8.956 kDa
UniProt:	<a href="#">P80098</a>

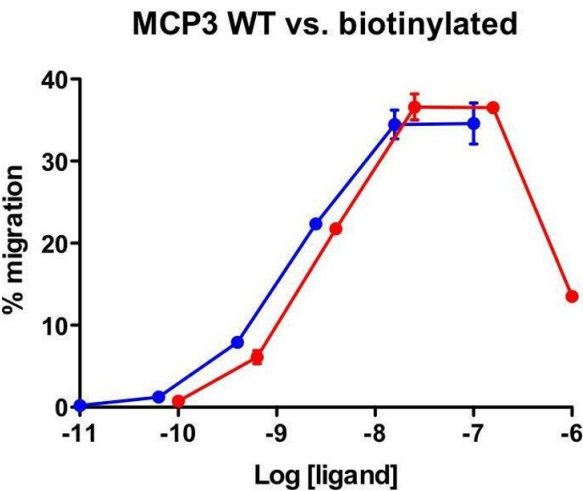
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Spin tube prior to resuspending. Recommended at 100 µg/mL in sterile water
Storage:	-20 °C, -80 °C
Storage Comment:	12 months from date of receipt, -20 to -70 °C as supplied. Suggest to use immediately after reconstitution 1 month at -20 to -70 °C under sterile conditions after reconstitution.
Expiry Date:	12 months

## Images



### Cellular Assay

**Image 1.** Cells expressing recombinant CCR2 were assayed for migration through the Transwell bare filter at various concentrations of MCP-3. The response is expressed as the % of total input cells (Blue: wild type; Red: biotinylated).