

# Recombinant mouse CCL3/MIP-1 alpha protein

Catalog Number: ATGP1765

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

24-92aa

### UniProt No.

P10855

### NCBI Accession No.

NP\_035467

### Alternative Names

C-C motif chemokine 3, Heparin-binding chemotaxis protein, L2G25B, Macrophage inflammatory protein 1-alpha, MIP-1-alpha, SIS-alpha, Small-inducible cytokine A3, TY-5, Mip1a, Scya3, G0S19-1, LD78alpha

## PRODUCT SPECIFICATION

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### Molecular Weight

10.4 kDa (93aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Sodium citrate buffer (pH 3.5) containing 10% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

C-C motif chemokine 3, also known as CCL3, belongs to the intercrine beta (chemokine CC) family. CCL3 has a potent chemotactic activity for eosinophils. This protein is binding to a high-affinity receptor activates calcium release in neutrophils. Recombinant mouse CCL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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## Amino acid Sequence

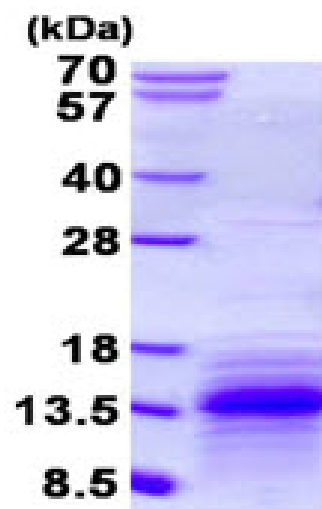
MGSSHHHHHH SSGLVPRGSH MGSMAPYGAD TPTACCFSYS RKIPRQFIVD YFETSSLCSQ PGVIFLTKRN RQICADSKET  
WVQEYITDLE LNA

## General References

Brown K.D., et al. (1989) J. Immunol. 142:679-687  
Grove M., et al. (1990) Nucleic Acids Res. 18:5561-5561

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)