

# Rat CXCL2/MIP-2 recombinant protein



Catalog Number: 500726

## General Information

### Gene Name Synonym

Cytokine-induced neutrophil chemoattractant 3;  
Macrophage inflammatory protein 2

### Protein Construction

A DNA sequence encoding the rat Cxcl2 (NP\_446099.1) (Ser32-Asn100) was expressed with two additional amino acids (Gly & Pro ) at the N-terminus.

### Organism

Rat

### Expression Host

E. coli

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE.

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ser 69

### Molecular Mass

The recombinant rat Cxcl2 consists 69 amino acids and predicts a molecular mass of 7.6 kDa.

### Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

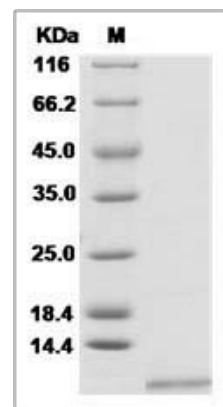
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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