

# Mouse CXCL2/MIP-2 (His & SUMO Tag) recombinant protein



Catalog Number: 502213

## General Information

### Gene Name Synonym

Macrophage inflammatory protein 2

### Protein Construction

A DNA sequence encoding the mature form of mouse CXCL2 (P10889-1) (Ala 28-Asn 100) was fused with a N-terminal polyhistidine-tagged SUMO tag at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % 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

Met

### Molecular Mass

The recombinant mouse CXCL2 consisting of 189

amino acids and has a calculated molecular mass of 21.2 kDa. It migrates as a 30 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 0.1% TFA, pH 2.9

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

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

## Usage Guide

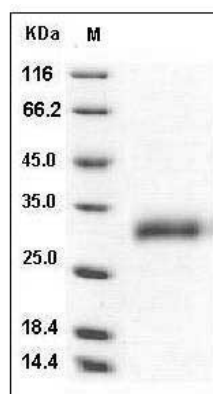
### Storage

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



Mouse CXCL2 / GRO2 / MIP-2 (His & SUMO Tag)  
SDS-PAGE