

## 32-12252: Mouse Macrophage Inflammatory Protein-2 (CXCL2)

**Gene :** Cxcl2  
**Gene ID :** 20310  
**Uniprot ID :** P10889

**Alternative Name :** C-X-C motif chemokine 2, Macrophage inflammatory protein 2

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 7.9 kDa (73 aa)

Macrophage Inflammatory Protein 2 (MIP-2), also known as CXCL2, is a small cytokine that is secreted by monocytes and neutrophils at sites of inflammation. MIP-2 functions through the chemokine receptor CXCR2 to act as a chemotactic agent for leukocytes and hematopoietic cells.

### Product Info

**Amount :** 20 µg / 100 µg

**Purification :** Reducing and Non-Reducing SDS PAGE at >= 95%

**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5  
Sterile water at 0.1 mg/mL

**Storage condition :** Store at -20°C

**Amino Acid :** AVVASELRQC CLKTLPRVDF KNIQSLSVTP PGPHCAQTEV IATLKGGQKV CLDPEAPLVQ KIIQKILNKG  
KAN

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.

