

GFM80

Recombinant Mouse MIP-2 / CXCL2

Description

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.

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|-------------------------|---|
| Length | 73 aa |
| Molecular Weight | 7.9 kDa |
| Source | E. coli |
| Accession Number | P10889 |
| Purity | ≥95% determined by reducing and non-reducing SDS-PAGE |

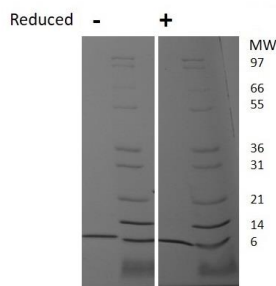
Specifications

| | |
|----------------------------|---|
| Alternative Names | Macrophage Inflammatory Protein 2, MIP2, CXCL2, chemokine (C-X-C motif) ligand 2, C-X-C motif chemokine 2 |
| Biological Activity | Activity to be determined. |
| Endotoxin Level | ≤1.00 EU/μg as measured by kinetic LAL |
| Formulation | Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5 |
| AA Sequence | AVVASELRQC CLKTLPRVDF KNIQSLSVTP PGPHCAQTEV IATLKGQKV CLDPEAPLVQ KIIQKILNKG KAN |

Preparation and Storage

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|------------------------------|---|
| Reconstitution | Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions. |
| Stability and Storage | 12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed. |

Data



Non-reducing (-) and reducing (+) conditions in a 4 - 20% Tris-Glycine gel stained with Coomassie Blue. 1 μg of protein was loaded in each lane.
Mouse MIP-2 has a predicted Mw of 7.9 kDa.