

Recombinant Murine MIP-2

CATALOG #: 4251-20 20 µg
4251-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per µg of MIP-2.

MOL. WEIGHT: 7.8 kDa

FORM: Sterile filtered and then lyophilized with no additives.

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 mg/ml. The solution can be diluted into other aqueous buffers and store at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized MIP-2 is best-stored desiccated below 0°C. Reconstituted murine MIP-2 should be stored in working aliquots at -20°C. Avoid freeze/thaw cycles.

DESCRIPTION:

Murine macrophage inflammatory protein-2 (MIP-2) promotes neutrophil chemotaxis and degranulation. BioVision's murine MIP-2 is a 7.8 kDa protein containing 73 amino acid residues including the 'RLR' motif common to the CXC chemokine family that bind to CXCR1 or CXCR2.

BIOLOGICAL ACTIVITY:

Determined by measuring the dose dependent mobilization of intracellular calcium (calcium flux) with human neutrophils. Significant calcium mobilization is observed with ≥5 ng/ml of recombinant mouse MIP-2.

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