

# MIP-2/CXCL2

Catalog # PVGS1484

## Product Information

---

<b>Primary Accession Species</b>	<a href="#">P10889</a> Mouse
<b>Sequence</b>	Ala28-Asn100
<b>Purity</b>	> 95% as analyzed by SDS-PAGE
<b>Endotoxin Level Biological Activity</b>	The EC <sub>50</sub> value of Mouse MIP-2/CXCL2 on Ca <sup>2+</sup> mobilization assay in CHO-K1/mCXCR2 (mouse CXCR2 stably expressed in CHO-K1 cells) is less than 200.0 ng/ml.
<b>Expression System</b>	HEK 293
<b>Formulation Reconstitution</b>	Lyophilized from a 0.2 µm filtered solution in PBS. It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O or PBS up to 100 µg/ml.
<b>Storage &amp; Stability</b>	Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

## Additional Information

---

<b>Gene ID</b>	20310
<b>Other Names</b>	C-X-C motif chemokine 2, Macrophage inflammatory protein 2, MIP2, Cxcl2, Mip-2, Mip2, Scyb2
<b>Target Background</b>	Chemokine (C-X-C motif) ligand 2 (CXCL2) is a small cytokine belonging to the CXC chemokine family that is also referred to as macrophage inflammatory protein 2-alpha (MIP2-alpha), Growth-regulated protein beta (Gro-beta) and Gro oncogene-2 (Gro-2). CXCL2 is secreted by monocytes and macrophages and is chemotactic for polymorphonuclear leukocytes and hematopoietic stem cells. CXCL2's amino acid sequence is 90% identical to the amino acid sequence of related chemokine, CXCL1. CXCL2 signals through the CXCR2 receptor.

## Protein Information

---

<b>Name</b>	Cxcl2
<b>Synonyms</b>	Mip-2, Mip2, Scyb2
<b>Function</b>	Chemotactic for human polymorphonuclear leukocytes but does not induce chemokinesis or an oxidative burst.
<b>Cellular Location</b>	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.