Recombinant Rat Macrophage Inflammatory Protein-2 (MIP-2)

Catalog Number: PRC1074
Quantity: 10 μg
Lot Number: See product label.
Molecular Weight: 8.0 kDa
Purity: ≥95% as determined by SDS-PAGE analysis.

Biological Activity: The biological activity was determined by measuring the dose dependent mobilization of intracellular calcium (calcium flux) with human neutrophils. Significant calcium mobilization is observed with ≥100 ng/mL of recombinant rat MIP-2. The optimal concentration for each specific application should be determined by an initial dose-response assay.

Formulation: Lyophilized, carrier free.
Sterility: Sterile filtered prior to lyophilization (0.22 μm).
Endotoxin: <0.1 ng/μg

Production: Recombinant rat MIP-2 is produced in E. coli and purified via sequential chromatography.

Reconstitution Recommendation: We recommend that the vial be briefly centrifuged prior to opening to bring the contents to the bottom. Lyophilized rMIP-2 should be reconstituted in sterile, deionized FLO to 0.1–1.0 mg/mL to regain full activity. These stock solutions should be apportioned into working aliquots and stored at ≤ –20°C. Further dilutions should be made in low endotoxin medium or buffered solution with heat inactivated FCS or tissue culture grade BSA.

Suggested Working Dilutions: The optimal concentration should be determined for each specific application.

Storage: Lyophilized rMIP-2 should be stored at 2°C to 8°C, preferably desiccated. Store reconstituted rMIP-2 at ≤ –20°C (not in a frost-free freezer). Keep freeze-thaw cycles to a minimum.

Expiration Date: Expires one year from date of receipt when stored as instructed.

References:
Explanation of Symbols
The symbols present on the product label are explained below:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
<td>REF</td>
<td>Catalog Number</td>
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<tr>
<td>RUO</td>
<td>Research Use Only</td>
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<td>Use by</td>
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<td>Manufacturer</td>
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<td>Without, does not contain</td>
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<td>Protect from light</td>
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<td>![book]</td>
<td>Directs the user to consult instructions for use (IFU), accompanying the product.</td>
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<tr>
<td>![lot]</td>
<td>Batch code</td>
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<tr>
<td>![ivd]</td>
<td>In vitro diagnostic medical device</td>
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<td>![temp]</td>
<td>Temperature limitation</td>
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<td>![ec]</td>
<td>European Community authorized representative</td>
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<tr>
<td>[+]</td>
<td>With, contains</td>
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