Recombinant Human Hepatocyte Growth Factor (HGF)

Catalog Number: PHG0324, PHG0321

Quantity: 10 μg, 100 μg

Lot Number: See product label.

Molecular Weight: 70 kDa, single chain, glycosylated.

Purity: >95% as determined by SDS-PAGE analysis.

Biological Activity: ED₅₀ range = 10–50 ng/mL, determined by the dose-dependent stimulation of the proliferation of the monkey epithelial cell line 4MBr-5.

Formulation: Sterile filtered through a 0.2 micron filter. Lyophilized with PBS.

Endotoxin: <1 EU/μg

Production: Recombinant human Hepatocyte Growth Factor (HGF) is expressed in human cell expression system and purified via sequential chromatography.

Reconstitution Recommendation: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute lyophilized recombinant human Hepatocyte Growth Factor in sterile PBS containing 0.1% human serum albumin. Further dilutions should be made in low endotoxin medium or a buffered solution containing a carrier protein such as heat inactivated FCS or tissue culture grade BSA.

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

Storage: Store this lyophilized preparation at ≤ −20°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at ≤ −20°C. Avoid repeated freeze/thaw cycles.

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


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

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<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
<td>Manufacturer</td>
<td></td>
<td>REF</td>
<td>Catalog number</td>
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<tr>
<td>Use by</td>
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<td></td>
<td>Temperature limitation</td>
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<tr>
<td>Consult instructions for use</td>
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<td></td>
<td>Caution, consult accompanying documents</td>
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<tr>
<td>LOT</td>
<td>Batch code</td>
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