

Data Sheet

CellGenix® Recombinant Human Hepatocyte Growth Factor (rh HGF) Preclinical Grade – Order No.: 1424-010 (10 µg)*

Product Characteristics

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|--------------|---|
| Source | Human amniocyte cell line (CAP® ¹) |
| Description | Human HGF, accession # P14210, Gln32-Arg494 (HGF alpha chain) and Val495-Ser728 (HGF beta chain) Molecular mass 80 kDa per heterodimer |
| Formulation | Lyophilized from a 0.2 µm-filtered solution containing 10 mM sodium phosphate and 400 mM sodium chloride, pH 6.5. |
| Intended use | For preclinical ex vivo use. Not intended for therapeutic use. |

Quality Parameters

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|-------------------------------|--|
| Identity | Confirmed by Immunoblot of the final product |
| Activity | ≥ 0.5 x 10 ⁶ IU/mg calibrated against NIBSC #96/564 Measured by induction of IL-11 secretion of Saos-2-cells |
| Purity | ≥ 95 %, as determined by SDS-PAGE (under reducing conditions, visualized by silver staining) |
| Endotoxin | < 1000 EU/mg, as determined by LAL gel clot test |
| Sterility | Sterility test of the vial product |
| Mass per vial | 10 µg |
| Animal-derived component-free | ADCF Level 1: The final product contains neither animal- nor human-derived materials. |

¹ CAP® is a registered trademark of CEVEC Pharmaceuticals GmbH, Germany.

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* Since October 1st 2022 this pack size is no longer available in the USA, Canada and Europe.



Shipment & Storage

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|---------------------|--|
| Transport | Ambient temperature. Please refer to Technote (www.cellgenix.com) |
| Shelf life | 3 years from date of shipment |
| Storage & Stability | Store lyophilized cytokine at -20 °C to -80 °C. Avoid repeated freeze/thaw cycles. |

Handling Instructions

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|----------------|--|
| Reconstitution | Recommended in sterile water to a final concentration of 100 µg/ml. |
| Dilution | Recommended in CellGenix® serum-free media. For dilution with protein free medium, a carrier protein (0.1-1 % albumin or 1-10 % appropriate serum) has to be included. Failure to dilute product according to these instructions may result in loss of activity. |

Quality Statement

Final manufacturing steps and QC are performed in a GMP facility. No animal- or human-derived components are present in the final product (ADCF Level 1).