

Data Sheet

CellGenix® Recombinant Human Hepatocyte Growth Factor (rh HGF)

Preclinical Grade – Order No.: 1424-010 (10 µg)*

Product Characteristics

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

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

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

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).