

Native Porcine HGF

Cat. No. HGF-232P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Hepatocyte Growth Factor porcine is extracted from pig liver. The HGF is purified by proprietary chromatographic techniques.
Species	Pig
Source	Pig Liver
Description	Hepatocyte Growth Factor (HGF) is a multifunctional growth factor which regulates both cell growth and cell motility. It exerts a strong mitogenic effect on hepatocytes and primary epithelial cells. HGF synergizes with Interleukin-3 and GM-CSF to stimulate colony formation of hematopoietic progenitor cells in vitro and may, therefore, also modulate hematopoiesis.
Form	Sterile Filtered White lyophilized (freeze-dried) powder. The sterile protein powder is lyophilized with no additives.
Purity	Greater than 98.0% as determined by RP-HPLC and SDS-PAGE.
Stability	Lyophilized pHGF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution pHGF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized pHGF in sterile 18MΩ-cm H ₂ O not less than 100g/ml, which can then be further diluted to other aqueous solutions.

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