

pHGF Porcine

Description: Hepatocyte Growth Factor porcine is extracted from pig liver. The HGF is purified by proprietary chromatographic techniques.

Catalog #: CYP5-529

Synonyms: Scatter Factor (SF), Hepatopoietin (HPTA), HGF, HGFB, F-TCF, pHGF.

For research use only.

Source: Pig Liver.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Purity: Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Formulation:

The sterile protein powder is lyophilized with no additives.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized pHGF in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Introduction:

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.

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