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**Product Data Sheet**

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Product Name: pHGF Porcine  
Cat. No.: GP20377  
Batch No.: 1

**Product Data**

|                     |  |                    |                       |
|---------------------|--|--------------------|-----------------------|
| Purity              | >98%   | Source             | Pig Liver.            |
| Physical Appearance | solid  | Shipping Condition | Shipped at Room temp. |
| Synonyms            | Scatter Factor (SF); Hepatopoietin (HPTA); HGF; HGFB; F-TCF; pHGF.   |                    |                       |
| Solubility          | It is recommended to reconstitute the lyophilized pHGF in sterile 18MΩ-cm H <sub>2</sub> O not less than 100μg/ml, which can then be further diluted to other aqueous solutions. |                    |                       |
| Formulation         | The sterile protein powder is lyophilized with no additives.   |                    |                       |

**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.

**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.

**Background**

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA