



Product Datasheet

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| Product Name | Hepatocyte promoting Growth Factor Porcine |
| Cata No | CB500424 |
| Source | <i>Pig Liver</i> |
| Synonyms | Scatter Factor (SF), Hepatopietin (HPTA), HGF, HGFB, F-TCF, pHGF. |

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. Hepatocyte Growth Factor porcine is extracted from pig liver.

The HGF is purified by proprietary chromatographic techniques.

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.