

PRODUCT SPECIFICATIONS SHEET:



Stemfactor™ Hepatocyte Growth Factor, Human Recombinant

Product Name	Stemfactor™ Hepatocyte Growth Factor, Human Recombinant
Description	This product is an active form of human HGF, which is a disulfide-linked heterodimer composed of α -chain (458 amino acids) and β -chain (234 amino acids); lacks 5 amino acid residues (F-L-P-S-S) in the 1st kringle domain; and carries sugar chains...
Source and Preparation	A cDNA sequence encoding human HGF (5 amino acid-deleted type) 1) was introduced into Chinese hamster ovary (CHO) cells and a clone highly expressing human HGF was selected. Recombinant human HGF (rhHGF) protein was highly purified from the culture supernatants of the clone.
Catalog Number	03-0019 03-0019-250
Size	03-0019: 25 μ g 03-0019-250: 250 μ g
Molecular Weight	79 kDa (without sugar chains)
Purity	>99.5% pure by reducing and non-reducing SDS-PAGE/CBB
Formulation	1 μ g/mL in 10 mM citrate, 0.075% Tween 80, 1 M NaCl, pH 6.0. Sterilized by filtration (0.22 μ m)
Concentration	1 μ g/mL
Storage and Stability	Store at <-70 °C protected from light. Avoid repeated freeze-thawing. Stable for 3 years from date of manufacture, if not freeze-thawed.



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Quality Control

Biological activity: assessed based on the ability to induce proliferation of mink lung epithelial MV.1.Lu cells
Endotoxin level: <0.125 EU/mg of protein, by the LAL method
Single chain content: <2.5% by reducing SDS-PAGE / CBB
Protein concentration: Measured by Lowry method.

**Regulatory
Disclaimer**

For research use only. Not for use in therapeutic or diagnostic procedures.

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