
Product Data Sheet

Product Name: HGF (32-285) Human
 Cat. No.: GP20376
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Scatter Factor (SF); Hepatopoietin (HPTA); HGF; HGFB; F-TCF; DFNB39.		
Amino Acid Sequence	MQRKRRNTIH EFKKSAKTTL IKIDPALKIK TKKVNTADQC ANRCTRNKGL PFTCKAFVFD KARKQCLWFP FNSMSSGVKK EFGHEFDLYE NKDYIRNCII GKGRSYKGTV SITKSGIKCQ PWSSMIPHEH SYRGKDLQEN YCRNPRGEEG GPWCFTSNPE VRYEVCDDIPQ CSEVECMTCN GESYRGLMDH TESGKICQRW DHQTPHRHKF LPERYPDKGF DDNYCRNPDG QPRPWCYTLD PHTRWEYCAI KTCET.		
Formulation	HGF protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

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

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

HGF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 255 amino acids (32-285 a.a.) and having a molecular mass of 29.8kDa. HGF is purified by proprietary chromatographic techniques.

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

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