9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

HGF B Human

Hepatocyte Growth Factor B Chain Human Recombinant
GRF0154

Product Overview

Name	HGF B Human
Description	
Hepatocyte Growth Factor B Chain Human Recombinant	
Accession (Primary)	P14210
Synonyms	
Scatter Factor, SF, Hepatopoietin, HPTA, HGF, HGFB, F-TCF, DFNB39, Hepatocyte growth factor, Hepatocyte growth factor beta chain.	
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. HGF is secreted as a single inactive polypeptide which is cleaved by serine proteases into a 69kDa Alpha chain and 34kDa Beta chain. A disulfide bond linking the alpha and beta chains produces the active heterodimeric molecule.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
HGF-B protein is supplied in 25mM Na. Acetate, pH 4.8, 1mM EDTA and 50% glycerol.	
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. Please avoid freeze thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
VVNGIPTRTNIGWMVSLRYRNKHICGGSLIKESWVLTAR QCFPSRDLKDYEAWLGIHDVHGRGDEKCKQVLNVSQLV YGPEGSDLVLMKLARPAVLDDFVSTIDLPNYGCTIPEKTS CSVYGWGYTGLINYDGLLRVAHLYIMGNEKCSQHHRGK	

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VTLNESEICAGAEKIGSGPCEGDYGGPLVCEQHKMRMV LGVIVPGRGCAIPNRPGIFVRVAYYAKWIHKIILTYKVPQS.

Precautions

HGF B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14210)