

Datasheet for ABIN935435 HGF Protein



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Overview

Quantity:	5 µg
Target:	HGF
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant Human HGF protein Expression System: Sf-9 insect cells
Purity:	> 95 % pure

Target Details

Target:	HGF
Alternative Name:	HGF (HGF Products)

Background: Human Hepatocyte Growth Factor (HGF), also known as scatter factor, is a pleiotrophic cytokine that shows homology to the enzymes of the blood coagulation cascade. It stimulates the motility and invasion of several cancer cell types and can induce angiogenesis. Recently HGF was found to be identical to scatter factor, a fibroblast-derived factor promoting the dissociation of epithelial and vascular endothelial cell colonies in monolayer cell cultures by stimulating cell migration. HGF is synthesized as a biologically inactive single chain precursor, which is cleaved by a specific, extracellular serum serine protease to a fully active heterodimer.

Alternative Names: Scatter Factor protein, SF protein, HPTA protein, Hepatocyte Growth Factor

Target Details

protein, Hepatopoietin protein

Molecular Weight: 78.0 kDa

Pathways: [RTK Signaling](#), [Carbohydrate Homeostasis](#), [Glycosaminoglycan Metabolic Process](#), [Synaptic Membrane](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied lyophilized in 50 mM Acetic Acid. No stabilizer added.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C