



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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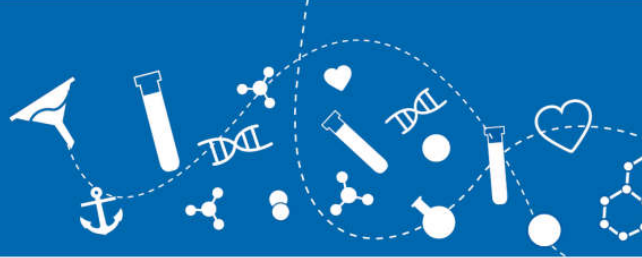
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## Hepatoma-Derived Growth Factor, human recombinant (rHuHDGF)

**Catalog No:** 97295  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** High-mobility group protein 1-like 2, HMG1L2, HMG-1L2, Hepatoma-derived growth factor, HDGF, FLJ96580, DKFZp686J1764

### Background

HDGF is a member of the hepatoma-derived growth factor family. HDGF plays a role as a secreted mitogen from the human hepatoma cell line Huh-7. HDGF is a nuclear targeted vascular smooth muscle cell mitogen as well as a heparin-binding protein that is greatly expressed in tumor cells where it stimulates proliferation. HDGF takes part in organ development and lung remodeling after injury by promoting proliferation of lung epithelial cells. HDGF plays a role in the carcinogenesis of gastric epithelial cells through promotion of cell proliferation by Erk1/2 activation. HDGF is linked with tumorigenesis and the growth of cancer. HDGF is a self-regulating factor connected with the prognosis of liver cancer, non-small cell lung cancer and pancreatic cancer. HDGF has proliferative, angiogenic, and neurotrophic activity. HDGF is a distinctive nuclear targeting growth factor that is vastly expressed in HCC cells and is a prognostic factor for HCC.

### Description

HDGF human recombinant protein is a single, non-glycosylated polypeptide chain produced in *E. coli*, having a molecular weight of 11.5 kDa and containing 100 amino acids.

### Physical Appearance

Sterile filtered clear solution.

### Formulation

The HDGF protein solution is formulated in 20 mM Tris-HCl pH 7.5 1 mM DTT, 10% glycerol and 1 mM EDTA.

### 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% as determined by SDS-PAGE.

### Amino Acid Sequence

MSRSNRQKEY KCGDLVFAKM KGYPHWPARI DEMPEAAVKS TANKYQVFFF GTHETAFLGP KDLFPYEESK EKFGKPNKRK  
GFSEGLWEIE NNPTVKASGY

### Usage

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