



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## GFH55

## Recombinant Human Pleiotrophin

## Description

Pleiotrophin is a heparin-binding growth factor that has mitogenic effects on fibroblast, epithelial, and endothelial cells. Pleiotrophin is made by many tissues, but is predominantly secreted by nervous tissue during development. Pleiotrophin induces neurite outgrowth and is involved in tumor growth and metastasis. Pleiotrophin binds with low affinity to the cell surface receptor nucleolin to inhibit HIV-1 infection and can also bind the receptor protein tyrosine phosphatase type Z (PTPRZ), syndecan-3, and anaplastic lymphoma kinase (ALK) receptors.

<b>Length</b>	137 aa
<b>Molecular Weight</b>	15.4 kDa
<b>Source</b>	E. coli
<b>Accession Number</b>	P21246
<b>Purity</b>	≥95% determined by reducing and non-reducing SDS-PAGE

## Specifications

<b>Alternative Names</b>	PTN, HBBM, HBGF-8, NEGF1, HARP
<b>Biological Activity</b>	Human Pleiotrophin is fully biologically active when compared to standard. The activity is determined by the ability to induce neurite outgrowth of embryonic rat neuros at concentrations between 3 - 8 µg/ml. There is no data currently available.
<b>Endotoxin Level</b>	≤1.00 EU/µg as measured by kinetic LAL
<b>Formulation</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
<b>AA Sequence</b>	MGKKEKPEKK VKKSDCGEWQ WSVCVPTSGD CGLGTREGTR TGAECKQTMK TQRCKIPCNW KKQFGAECKY QFQAWGECDL NTALKTRTGS LKRALHNAEC QKTVTISKPC GKLTGPKPQA ESKSKKKKEGK KQEKMLD

## Preparation and Storage

<b>Reconstitution</b>	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
<b>Stability and Storage</b>	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.