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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human Pleiotrophin

CLY100-55-5UG
CLY100-55-20UG
CLY100-55-100UG
CLY100-55-500UG
CLY100-55-1MG

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

Synonyms: HBBM, HBGF-8, NEGF1, HARP

Source: Genetically modified E.coli.

Predicted MW: Monomer, 15.4 kDa (with 137 amino acids)

Presentation: Sterile filtered white lyophilized (freeze-dried) powder. Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5. Lyophilized product is very stable at -20°C. Reconstituted material should be aliquoted and frozen at -20°C to -80°C. It is recommended that a carrier protein (0.1% BSA) is added for long term storage.

Reconstitution: 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. DO NOT VORTEX. Allow several minutes for complete reconstitution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml.

Purity determined: Purity is >95% as determined by reducing and non-reducing SDS-PAGE.

Endotoxin Level: Endotoxin level, as measured by LAL analysis, is <0.05 EUs/μg protein (50% confidence range).

AA Sequence: MGKKEKPEKK VKKSDCGEWQ WSVCVPTSGD CGLGTREGTR TGAECKQTMK
TQRCKIPCNW KKQFGAECKY QFQAWGECDL NTALKTRTGS LKRALHNAEC QKTVTISKPC
GKLTKPKQA ESKKKKKEGK KQEKMLD

Laboratory Reagent For Research Use Only

MW 02/15/23

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