

Pleiotrophin

Catalog No: #AP78936



Package Size: #AP78936-1 50ug #AP78936-2 100ug #AP78936-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Pleiotrophin
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	33-168AA
Other Names	HBNF1,NEGF1,Heparin-binding brain mitogen,Heparin-binding growth factor 8,Heparin-binding growth-associated molecule,Heparin-binding neurite outgrowth-promoting factor 1,Osteoblast-specific factor 1,HBBM,HBGF-8,HB-GAM,HBNF-1,OSF-1
Accession No.	P21246Gene name:PTN
Uniprot	P21246
GeneID	5764;
Calculated MW	14.96
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Secreted growth factor that induces neurite outgrowth and which is mitogenic for fibroblasts, epithelial, and endothelial cells (PubMed:1768439, PubMed:1733956). Binds anaplastic lymphoma kinase (ALK) which induces MAPK pathway activation, an important step in the anti-apoptotic signaling of PTN and regulation of cell proliferation (PubMed:11278720). Binds to cell-surface target proteins via their chondroitin sulfate groups (PubMed:26896299). Down-regulates PTPRZ1 activity (PubMed:16814777).

References

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Note: This product is for in vitro research use only