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DATASHEET

Recombinant human Pleiotrophin (His Tag) protein

Product overview

Name	Recombinant human Pleiotrophin (His Tag) protein
Cat No	HB7947
Species of origin	human
Alternative names	Recombinant Human Pleiotrophin, His Tag, PTN, Heparin Affin Regulatory Protein, HARP, Heparin-binding growth factor-8, HBGF-8, Osteoblast-Specific Factor-1, OSF-1, Heparin-binding growth-associated molecule, HB-GAM, HBNF-1 Heparin-binding brain mitogen, Heparin-binding neurite outgrowth-promoting factor 1, HBBM, NEGF1.
Purity	>95%
Description	His Tag recombinant human pleiotrophin

Solubility & Handling

Solubility overview	Add 0.2 ml of PBS pH 7.2 and allow the lyophilized material to dissolve
Handling	<ul style="list-style-type: none">• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions.• Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C.• Freeze-thaw cycles should be prevented.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

UniProt ID	P21246
Source	E. Coli.
Appearance	White lyophilized powder (filtered & freeze-dried)
Formulation	Filtered and lyophilized from a solution (0.5 mg/ml) containing phosphate buffer (100mM, pH 7.2) and NaCl (100mM)

References

Pleiotrophin: a cytokine with diverse functions and a novel signaling pathway

Deuel TF *et al* (2002) Arch Biochem Biophys 397(2)

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Pleiotrophin and its receptor protein tyrosine phosphatase beta/zeta as regulators of angiogenesis and cancer

Papadimitriou E *et al* (2016) Biochim Biophys Acta 1866(2)

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Pleiotrophin, a multifunctional angiogenic factor: mechanisms and pathways in normal and pathological angiogenesis

Perez-Pinera P *et al* (2008) Curr Opin Hematol 15(3)

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