

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



## 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"><li>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.</li><li>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.</li><li>Freeze-thaw cycles should be prevented.</li></ul>
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)

PubMedID [11795867](#)

##### 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)

PubMedID [27693125](#)

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

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

PubMedID [18391787](#)

