

## Product datasheet for PA513X

### Pleiotrophin / PTN Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Pleiotrophin / PTN human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MKHHHHHHHM</u> LVPRGSGKKE KPEKKVKKSD CGEWQWSVCV PTSGDCGLGT REGTRTGAEC KQTMKTQRCK IPCNWKQFG AECKYQFQAW GECDLNTALK TRTGLSKRAL HNAECQKTVT ISKPCGKLTG PKPQAESKKK KKEGKKQEKM LD
Predicted MW:	17.3 kDa
Concentration:	lot specific
Purity:	>95% pure by SDS PAGE
Buffer:	Presentation State: Purified State: Lyophilized (0.4µm filtered) purified protein Buffer System: 0.1M Phosphate buffer, 0.1M NaCl, pH 7.2
Reconstitution Method:	Restore with PBS pH 7.2
Preparation:	Lyophilized (0.4µm filtered) purified protein
Applications:	ELISA. Western Blot.
Protein Description:	Total 152 AA. MW: 17.3 kDa. N-Terminal His-tag and Thrombin cleavage site 16 AA (highlighted).
Note:	Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Storage:	Store lyophilized (preferably in a desiccator) at -20°C and in aliquots at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after two weeks at 4°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001308315</u>
Locus ID:	5764



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UniProt ID: [P21246](#), [A0A024R778](#)

Cytogenetics: 7q33

Synonyms: HARP; HB-GAM; HBBM; HBGF-8; HBGF8; HBNF; HBNF-1; NEGF1; OSF-1

Summary: The protein encoded by this gene is a secreted heparin-binding growth factor. The protein has significant roles in cell growth and survival, cell migration, angiogenesis and tumorigenesis. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]

Protein Families: Druggable Genome, Phosphatase, Secreted Protein, Transmembrane

### Product images:

