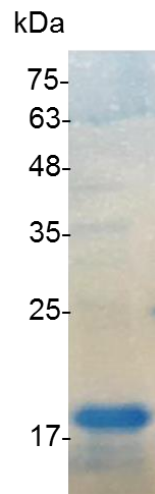


Pleiotrophin, Human

v. 231001

Catalog number	C01155-5UG / C01155-20UG / C01155-100UG
Package	5 µg / 20 µg / 100 µg
Description	Pleiotrophin (PTN) also known HBBM, HBGF-8, NRG1, HARP or HB-GAM is a protein that in humans is encoded by the PTN gene. This protein is expressed in the central and peripheral nervous system and also in several non-neural tissues, notably lung, kidney, gut and bone. Pleiotrophin 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.
Source	<i>Escherichia coli</i>
Sequence	MGKKEKPEKKVKKSDCGEWQWSVCVPTSGDCGLGTREGTRTGAECKQTMKT QRCKIPCNWKKQFGAECKYQFQAWGECDLNTALKTRTGSLKRALHNAECQKT VTISKPCGKLTKPKPQAESKSKKKEGKKQEKMLD with polyhistidine tag at the C-terminus
Endotoxin level	<0.01 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human Pleiotrophin

For research use only.