

Human Pleiotrophin Protein, His tag (Animal-Free)

Cat #: PRP1216

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human Pleiotrophin Protein,His tag (Animal-Free)		
REF	Catalog Number: PRP1216	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Pleiotrophin (PTN) also known as HB-GAM, which is a Growth Factors involves in widely range of biological events such as bone development, neural regeneration, inflammatory response, tissue repair. Besides, PTN has been revealed to suppress the long-term potentiation (LTP) in hippocampus and plays a critical role in modulating learning-related behavior. PTN also acts as an angiogenic factor that promotes tumor progression by PTN/Anaplastic Lymphoma Kinase (ALK) axis.

Sequence: Amino acid sequence derived from Human Pleiotrophin Protein (Gly33-Asp168) (P21246) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human Pleiotrophin Protein consists of 136 amino acids and predicts a molecular mass of 19.89 kDa.

Biological Activity: Testing in process.

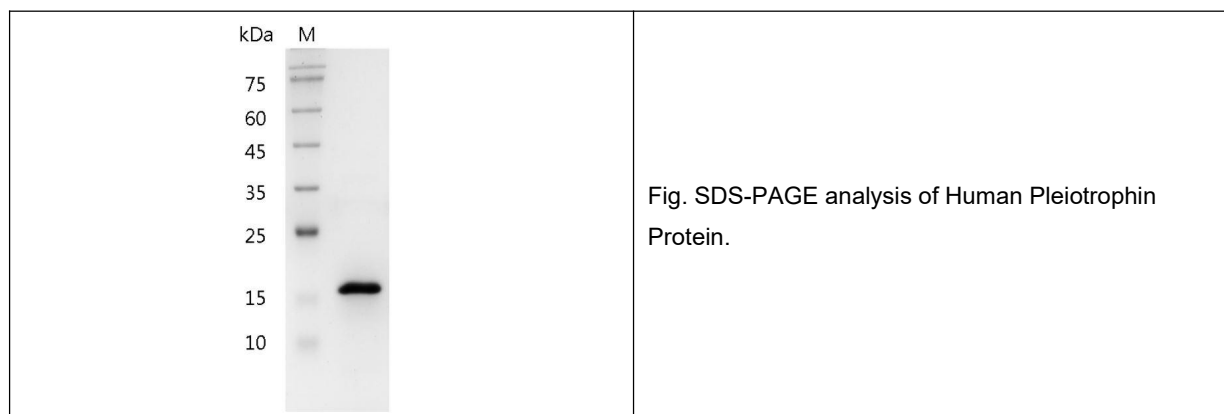
Endotoxin: <0.01 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 7.4.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA , 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully

dissolve. Please avoid vortex vigorously.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.