

Recombinant Mouse Placenta Growth Factor (Pgf), N-His-GST

Cat. No.: AP4C108

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Placenta Growth Factor (Pgf), N-His-GST is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 47.9 kDa. The purity is >95%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>95%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	47.9 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Target Information

Mouse Placenta Growth Factor (Pgf) is a cytokine involved in angiogenesis and placental development in mice. It promotes the proliferation and migration of vascular endothelial cells, enhancing blood vessel formation and remodeling. Pgf plays important roles in embryonic development, wound healing, and tumor angiogenesis. Changes in Pgf expression and function are an important indicator of angiogenesis-related diseases and tumor progression.

Protein	Mouse Placenta Growth Factor (Pgf)
Protein Synonym	PIGF; Pgf; Plgf
Gene ID	18654
EC No.	P49764

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in PBS or others. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.