HuPro®

# PGF (Human) Recombinant Protein

Catalog # P9037 Size 2 x 10 ug

## Specification

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|---|---|
| **Product Description** | Human PGF (P49763, 21 a.a. - 170 a.a.) partial-length recombinant protein with His tag at C-Termin us expressed in HEK293 cell. |
| **Sequence** | DGSMAVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVEHMFSPSC VSLLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCECRPLREKMKPER RRPKGRGKRRREKQRPTDCHLCGDAVPRRHHHHHH |
| **Host** | Human |
| **Theoretical MW (kDa)** | 18.3 |
| **Form** | Liquid |
| **Preparation Method** | HEK 293T cell expression system |
| **Purity** | > 95% by SDS PAGE |
| **Storage Buffer** | 10% glycerol and Phosphate-Buffered Saline (pH 7.4). |
| **Storage Instruction** | Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. |

## Applications

- SDS-PAGE

## Gene Info — PGF

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|---|---|
| **Entrez GeneID** | 5228 |
| **Protein Accession#** | P49763 |
| **Gene Name** | PGF |

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|---|---|
| **Gene Alias** | D12S1900, PGFL, PLGF, PlGF-2, SHGC-10760 |
| **Gene Description** | placental growth factor |
| **Omim ID** | 601121 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | vascular endothelial growth factor-related protein\|placental growth factor-like |
| **Other Designations** | placenta growth factor\|placental growth factor, vascular endothelial growth factor-related protein\|placental growth factor-like |

## Pathway

- Bladder cancer
- Cytokine-cytokine receptor interaction
- Focal adhesion
- mTOR signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Renal cell carcinoma

## Disease

- Amyotrophic lateral sclerosis
- Anoxia
- Chorioamnionitis
- Fetal Membranes
- Genetic Predisposition to Disease
- Obstetric Labor
- Pre-Eclampsia
- Premature Birth

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