

# Human PIP Recombinant Protein



RPPB0900

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## Product Information    Protein Information

**Product SKU:**

RPPB0900

**Accession:**

P12273

**Host:**

Human Seminal  
Plasma.

**Protein description:**

The Prolactin-Induced Protein produced from Human Seminal Plasma has a molecular mass of 13.52kDa (calculated without glycosylation) containing 118 amino acid residues.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Prolactin-inducible protein, Gross cystic disease fluid protein 15, GCDFP-15, Prolactin-induced protein, Secretory actin-binding protein, SABP, gp17, PIP, GCDFP15, GPIP4.

**Formulation:**

PIP protein filtered (0.4µm) and lyophilized in 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl pH 8.0.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. PIP is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

QDNTRKIIK NFDIPKSVRP NDEVTAVLAV QTELKECMWV KTYLISSIPL QGAFNYKYTA CLCDDNPKTF  
YWDFYTNRTV QIAAVVDVIR ELGICPDDAA VIPIKNNRFY TIEILKVE.