

PRODUCT DATA SHEET

Prolactin-Inducible Protein Human, Rabbit Polyclonal Antibody

Cat. No.: RD181304100**Size:** 0.1 mg**Source of Antigen:** Human seminal plasma**Type:** Polyclonal Antibody**Host:** Rabbit**Other Names:**

Gross cystic disease fluid protein 15, Prolactin-induced protein, Secretory actin-binding protein, GCDFP15, GPIP4, SABP, GP17, PIP

Preparation:

The antibody was raised in rabbits by immunization with the native Human Prolactin-Inducible Protein.

Amino Acid Sequence of Immunogen:

Native protein isolated from pooled human seminal plasma, 118 AA, MW 13.52 kDa (calculated without glycosylation). Protein identity confirmed by LC-MS/MS (NCBI no. gi|4505821).

QDNTRKIIIK NFDIPKSVRP NDEVTAVLAV QTELKECMVV KTYLISSIPL QGAFNYKYTA
CLCDDNPKTF YWDFYTNRTV QIAAVVDVIR ELGICPDAA VIPIKNNRFY TIEILKVE

Purification Method:

Immunoaffinity chromatography on a column with immobilized native Human Prolactin-Inducible Protein.

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

Immunohistochemistry, Western blotting

Note:

This product is for research use only.