

## Product datasheet for AR51132PU-N

## PIP / GCDFP15 (29-146, His-tag) Human Protein

## **Product data:**

#### OriGene Technologies, Inc.

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| Product Type:                            | Recombinant Proteins  |
|--|---|
| Description:                             | PIP / GCDFP15 (29-146, His-tag) human recombinant protein, 0.5 mg   |
| Species:                                 | Human   |
| Expression Host:                         | E. coli   |
| Expression cDNA Clone<br>or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSQDNTRKI IIKNFDIPKS VRPNDEVTAV LAVQTELKEC<br>MVVKTYLISS IPLQGAFNYK YTACLCDDNP KTFYWDFYTN RTVQIAAVVD VIRELGICPD DAAVIPIKNN<br>RFYTIEILKV E |
| Tag:                                     | His-tag   |
| Predicted MW:                            | 15.9 kDa  |
| Concentration:                           | lot specific  |
| Purity:                                  | >90% by SDS - PAGE  |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol                |
| Preparation:                             | Liquid purified protein   |
| Protein Description:                     | Recombinant human PIP protein, fused to His-tag at N-terminus, was expressed in E.coli.   |
| Storage:                                 | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.   |
| Stability:                               | Shelf life: one year from despatch.   |
| RefSeq:                                  | <u>NP 002643</u>  |
| Locus ID:                                | 5304  |
| UniProt ID:                              | <u>P12273</u>   |
| Cytogenetics:                            | 7q34  |
| Synonyms:                                | GCDFP-15; GCDFP15; GPIP4  |
|  |   |



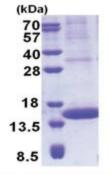
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# Service PIP / GCDFP15 (29-146, His-tag) Human Protein – AR51132PU-N

Summary:Prolactin-inducible protein, also known as PIP, is a major protein component of benign breast<br/>gross cysts. It is a known marker of breast cancer, as it is found in approximately 50% of all<br/>breast cancer specimens. It is expressed in exocrine glands and, in pathologic conditions, in<br/>breast cysts and breast cancers exhibiting apocrine features. PIP and prostate specific<br/>antigen are co-expressed in androgen receptor-positive breast tumours.

Protein Families: Secreted Protein

### **Product images:**



15% SDS-PAGE (3ug)

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