

## Product datasheet for **AR51132PU-S**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	PIP / GCDFP15 (29-146, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQDNTRKI IKNFDIPKS VRPNDEVTA V LAVQTELKEC MVVKTYLISS IPLQGAFNYK YTACLCDDNP KTFYWDFYTN RTVQIAAVD VIRELGICPD DAAVIPIKNN RFYTIEILKV E
Tag:	His-tag
Predicted MW:	15.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein 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:	<a href="#">NP_002643</a>
Locus ID:	5304
UniProt ID:	<a href="#">P12273</a>
Cytogenetics:	7q34
Synonyms:	GPIP4, GCDFP-15, SABP, gp17


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**Summary:**

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

**Protein Families:**

Secreted Protein

**Product images:**
