

## 32-1695: PIP Recombinant Protein

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

### Description

Source : Escherichia Coli. PIP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 141 amino acids (29-146 a.a.) and having a molecular mass of 15.9kDa.PIP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Prolactin-inducible protein (PIP) is a main protein component of benign breast gross cysts. PIP is a famous indicator of breast cancer, since it is found in around 50% of all breast cancer specimens. PIP is expressed in exocrine glands, 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** PIP protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 10% glycerol and 0.4M Urea.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSQDNTRKI IIKNFDIPKS VRPNDEVTAV LAVQTELKEC MIVKTYLISS IPLQGAFNYK YTAACLDDNP KTFYWDFYTN RTVQIAAVVD VIRELGICPD DAAVIPIKNN RFYTIEILKV E.

