9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PIP Protein

Prolactin-Induced Protein Human Recombinant
GRF0323

Product Overview

Name	PIP Protein
Description	
Prolactin-Induced Protein Human Recombinant	
Accession (Primary)	P12273
Synonyms	
Prolactin-inducible protein, Gross cystic disease fluid protein 15, GCDFP-15, Prolactin-induced protein, Secretory actin-binding protein, SABP, gp17, GCDFP15, GPIP4, PIP.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
PIP protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 10% glycerol and 0.4M Urea.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS QDNTRKI IIKNFDIPKS VRPNDEVTAV LAVQTELKEC MVVKTYLISS IPLQGAFNYK YTACLCDDNP KTFYWDFYTN RTVQIAAVVD VIRELGICPD DAAVIPIKNN RFYTIEILKV E.	
Precautions	
PIP Protein is for research use only and not for use in diagnostic or therapeutic procedures.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (P12273)