

Recombinant Human PIP, His-tagged

Cat. No. PIP-2308H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PIP protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	141aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	15.9 kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSQDNTRKI IIKNFDIPKS VRPNDEVTA V LAVQTELKEC MVVKTYLISS IPLQGAFNYK YTACLCDDNPKTFYWDFYTN RTVQIAAVVD VIRELGICPD DAAVIPIKNN RFYTIEILKV E
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml
GENE INFORMATION	
Gene Name	PIP prolactin-induced protein [Homo sapiens]
Official Symbol	PIP
Synonyms	PIP; prolactin-induced protein; prolactin-inducible protein; GCDFP 15; GCDFP15; GPIP4; prolactin inducible protein; SABP; secretory actin-binding protein; gross cystic disease fluid protein 15; GCDFP-15;
Gene ID	5304
mRNA Refseq	NM_002652
Protein Refseq	NP_002643
MIM	176720
UniProt ID	P12273
Chromosome Location	7q32-qter
Function	actin binding;

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