Recombinant Human Prolactin-induced Protein

Cat. No. PIP-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GCDFP-15 protein expressed in*E.coli*encodes full length amino acids and has a molecular mass of 43 kDa.
Species	Human
Source	E.coli
Description	Gross cystic disease of the breast is benign premenopausal disorder in which cysts are a predominant pathological lesion. These cysts appear to be formed from excessive apocrine cystic secretions. This fluid is composed of several glycoproteins including a unique 15kDa monomer protein, Gross Cystic Disease Fluid Protein-15 (GCDFP15). Cytosolic analysis of normal tissue specimens from all major organs has demonstrated GCDFP15 in apocrine epithelia, lacrimal, ceruminous and Moll glands and in numerous serous cells of the submandibular, tracheal, bronchial, sublingual and minor salivary glands. GCDFP15 and prostate specific antigen are co-expressed in androgen receptor-positive breast tumors.
Formulation	Recombinant Human GCDFP-15 protein at 100μg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Application	•ELISA •Inhibition Assays •Western Blotting.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 43 kDa.

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Storage & Stability	Store vial at -20℃to -80℃. When stored at the recommended temperature, this protein is stable for 12 months.
Full Length	Full L.

GENE INFORMATION

Gene Name	PIP prolactin-induced protein [Homo sapiens]
Synonyms	PIP; prolactin-induced protein; GPIP4; GCDFP15; GCDFP-15; Prolactin-inducible protein; Secretory actin-binding protein; SABP; Gross cystic disease fluid protein 15
Gene ID	5304
mRNA Refseq	NM_002652
Protein Refseq	NP_002643
MIM	176720
UniProt ID	P22004
Chromosome Location	7q34
Function	actin binding; protein binding

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