Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

CATALOGUE #: 8PA1

PRODUCT NAME: PAPP-A, human, recombinant

Source:	Expressed in a mammalian cell line
Description:	Synthetic DNA fragment encoding amino acids 82 – 1627 of human pregnancy-associated protein A (PAPP-A, Accession number UniProtKB #Q13219; PAPP1_HUMAN) with E483A mutation was used for recombinant protein expression; homodimer.
	Contains C-terminal His10-tag.
	Theoretical MW: 173762.91 Da including C-terminal His10-tag
	Theoretical pl: 5.56
Application:	Immunoassays
Analysis:	Purity >90%
	Concentration is determined spectrophotometrically at A280. Abs 1 mg/ml = 1.34.
Purification:	Metal affinity chromatography
Presentation:	Lyophilized from 20 mM Tris-HCl, 0.15 M NaCl, 5% sucrose, pH 7.5
	It is recommended to reconstitute this product with deionized water to its initial concentration.
Storage:	Lyophilized at -20 °C (-1530 °C allowed), reconstituted at -70 °C (-6580 °C allowed)
Other information:	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.



SCIENTIFIC EXCELLENCE FOR IVD

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