



DataSheet

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 pI: 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 (-15 ... -30 °C allowed), reconstituted at -70 °C (-65 ... -80 °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.

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