

**CATALOGUE #:** 8PA1

**PRODUCT NAME:** PAPP-A, human, recombinant

<b>Source:</b>	Expressed in a mammalian cell line
<b>Description:</b>	<p>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.</p> <p>Contains C-terminal His10-tag.</p> <p>Theoretical MW: 173762.91 Da including C-terminal His10-tag</p> <p>Theoretical pI: 5.56</p>
<b>Application:</b>	Immunoassays
<b>Analysis:</b>	<p>Purity &gt;90%</p> <p>Concentration is determined spectrophotometrically at A280. Abs 1 mg/ml = 1.34.</p>
<b>Purification:</b>	Metal affinity chromatography
<b>Presentation:</b>	<p>Lyophilized from 20 mM Tris-HCl, 0.15 M NaCl, 5% sucrose, pH 7.5</p> <p>It is recommended to reconstitute this product with deionized water to its initial concentration.</p>
<b>Storage:</b>	Lyophilized at -20 °C (-15 ... -30 °C allowed), reconstituted at -70 °C (-65 ... -80 °C allowed)
<b>Other information:</b>	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
<b>Material safety note:</b>	This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices should be followed when handling this material.