Pregnancy Associated Plasma Protein-1 (PAPP-1A) Recombinant Protein | PAPP-1A recombinant protein

Pregnancy Associated Plasma Protein-1 (PAPP-1A)

CATALOG #
AAA58762

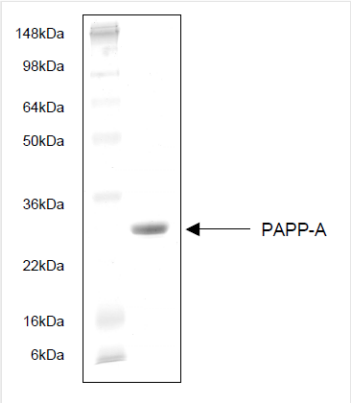
PRODUCT SYNONYMS

Pregnancy Associated Plasma Protein-1 (PAPP-1A); PAPP-A; Pappalysin-1; Pregnancy-Associated Plasma Protein-1; Insulin-like growth factor-dependent IGF binding protein-4; EC 3.4.24.79; IGF-dependent IGFBP-4 protease; IGFBP-4ase.; PAPP-1A recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid
Buffer	Buffered 50% glycerol

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PAPP-1A recombinant protein	PAPP-A is a large zinc binding protein, which acts as a metalloprotease and has been shown to cleave insulin-like growth factor binding protein-4. PAPP-A can act as a regulator of IGF bioactivity in several biological systems, including the human ovary and cardiovascular systems. Recent studies have shown that levels are elevated in patients with unstable angina or acute myocardial infarction. PAPP-A is also produced in high concentrations during pregnancy and is released into the maternal circulation. Low levels of PAPP-A have been linked with a number of foetal chromosomal abnormalities, as well as pre-eclampsia and stillbirth. Recombinant PAPP-A comprises a 191 amino acid fragment (81-271) corresponding to the PAPP-A Jelly-Roll domain fragment and is expressed in E Coli with an aminoterminal hexahistidine tag. This product is not intended for therapeutic use.
Product Categories/Family for PAPP-1A recombinant protein	Recombinant Proteins; Pregnancy-Associated Plasma Protein-1
References	Conover, C.A. et al., 2004 Development 131 (5) 1187-1194

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.