

Pregnancy Associated Plasma Protein A (PAPPA) Recombinant Protein | PAPPA recombinant protein

Recombinant Pregnancy Associated Plasma Protein A (PAPPA)

CATALOG # AAA152089	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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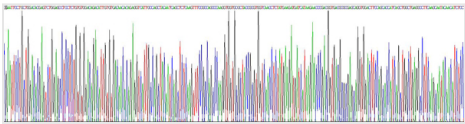
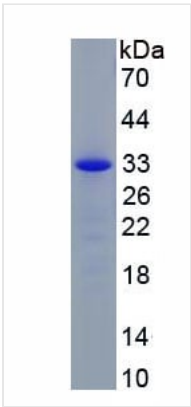
PRODUCT SYNONYMS

Pregnancy Associated Plasma Protein A (PAPPA); Recombinant Pregnancy Associated Plasma Protein A (PAPPA); PAPPA/Pregnancy Associated Plasma Protein A; PAPP-A; PAPA; ASBABP2; DIPLA1; IGFBP-4ase; PAPPA1; Pappalysin 1; Insulin-Like Growth Factor Binding Protein-4 Protease; Differentially Placenta 1 Expressed Protein; PAPPA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Leu317~Pro 532
Applicable Applications for PAPPA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	4.8
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Gene Sequence
Gene Sequencing (extract

SDS-PAGE
SDS-PAGE

LLDT SLEPPLCGQT LCDNTEVIAS YNQLSSFQRP
KVVRYRVVNL YEDDHKNPTV TREQVDFQHH QLAEAFKQYN ISWELDVLEV
SNSSLRRRLI LANCDISKIG DENCDEPCNH TLTGHDGGDC RHLRHPAFVK
KQHNGVCDMD CNVERFNFDG GECCDPEITN VTQTCFDPDS PHRAYLDVNE
LKNILKLDGS THLNIFFAKS SEEELAGVAT WP

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for PAPPA recombinant protein Reproductive science; Genetic science; Prokaryotic Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

NCBI GI #	223590248
NCBI GeneID	5069
UniProt Accession #	Q13219; Q08371; Q68G52; Q9UDK7; B1AMF9
Molecular Weight	180,973 Da
NCBI Official Full Name	Pappalysin-1
NCBI Official Synonym Full Names	pregnancy-associated plasma protein A, pappalysin 1
NCBI Official Symbol	PAPPA
NCBI Official Synonym Symbols	PAPA; DIPLA1; PAPP-A; PAPPA1; ASBABP2; IGFBP-4ase
NCBI Protein Information	pappalysin-1; IGF-dependent IGFBP-4 protease; aspecific BCL2 ARE-binding protein 2; pregnancy-associated plasma protein A; differentially placenta 1 expressed protein; insulin-like growth factor-dependent IGF binding protein-4 protease; insulin-like growth
UniProt Protein Name	Pappalysin-1
UniProt Gene Name	PAPPA
UniProt Synonym Gene Names	IGF-dependent IGFBP-4 protease; IGFBP-4ase; PAPP-A
UniProt Entry Name	PAPP1_HUMAN

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.