

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

Recombinant Pregnancy Associated Plasma Protein A (PAPPA)

CATALOG # AAA134441	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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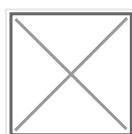
PRODUCT SYNONYMS

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

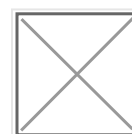
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PAPPA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr1270~Cys1558
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Gene Sequence
Gene Sequencing (extract)



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	38045915
NCBI GeneID	5069
NCBI Accession #	NP_002572.2
NCBI GenBank Nucleotide #	NM_002581.3
UniProt Accession #	Q13219; Q08371; Q68G52; Q9UDK7; B1AMF9
Molecular Weight	Predicted Molecular Mass: 33.2kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	pappalysin-1 preproprotein
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 factor-dependent IGF-binding protein 4 protease
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.

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Online datasheet: <https://stage.aaabiotech.com/pappa-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134441>