

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

Recombinant Pregnancy Associated Plasma Protein A (PAPPA)

CATALOG # AAA134211	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, 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
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLVC FKKRIEAIPO IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-FEQKTSI KDCGVYTPQG FLDQWASNAS VSHQDQQCPG WVVIGQPAAS QVCRTKVIDL SEGISQHAWY PCTITYPPYH LPQTTFWLQT YFSQPMVAAA VIIHLVTDGT YYGDQKQETI SVQLLDTKDQ SHDLGLHVLS CRNNPLIIPV VHDLSQPFYH SQAHVVSFSS PLVAISGVAL RSFDNFDPTV LSSCQRGETY SPAEQSCVHF ACQAADCEPL AVGNASLNCS SNHHYHGAQC TVSCQTGYVL QIQRDELK SQVGPSITVT CTEGKWN
Sequence Length	1624
Applicable Applications for PAPPA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Phe999~Asn1272 (Accession # Q8R4K8) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	5.8
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	59676577
NCBI GeneID	18491
NCBI Accession #	NP_067337.1
NCBI GenBank Nucleotide #	NM_021362.1
UniProt Accession #	Q8R4K8; Q80VW3; Q80YY1; Q8K423; Q8R4K7; Q9ES06; Q9JK57
Molecular Weight	62.2kDa
NCBI Official Full Name	pappalysin-1
NCBI Official Synonym Full Names	pregnancy-associated plasma protein A
NCBI Official Symbol	Pappa
NCBI Official Synonym Symbols	PAG1; PAPP-A; IGFBP-4ase; 8430414N03Rik
NCBI Protein Information	pappalysin-1; IGF-dependent IGFBP-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_MOUSE

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-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134211>