

Pappalysin 2 (PAPPA2) Recombinant Protein | PAPPA2 recombinant protein

Recombinant Pappalysin 2 (PAPPA2)

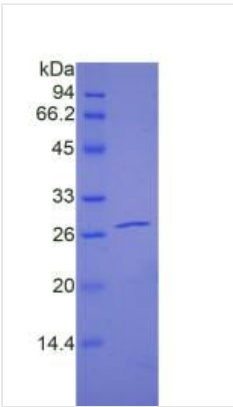
CATALOG # AAA20253	HOST E.coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Pappalysin 2 (PAPPA2); Recombinant Pappalysin 2 (PAPPA2); PAPPA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 120ug/mL (varies by lot)
Applicable Applications for PAPPA2 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Gly888-Ala1093
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.5
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°C for one month. Aliquot and store at -80°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°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.



Sequence Information

GTG RQYVHTASSR
RVCDSGGYWT PEEAVGPPDV DQPCEPSLQA WSPEVHLYHM NMTVPCPTEG
CSLELLFQHP VQADTLTLWV TSFFMESSQV LFDTEILLEN KESVHLGPLD
TFCDIPLTIK LHDGKVSQV KVTYFDERIE IDAALLTSQP HSPLCSGCRP
VRVQVLRDPP FASGLPVVVT HSHRKFTDVE VTPGQMYQYQ VLA

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	116174738
NCBI GeneID	60676
NCBI Accession #	NP_064714.2
NCBI GenBank Nucleotide #	NM_020318.2
UniProt Accession #	Q9BXP8; Q96PH7; Q96PH8; Q9H4C9; A9Z1Y8
Molecular Weight	Predicted Molecular Mass: 24.4kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	pappalysin-2 isoform 1
NCBI Official Synonym Full Names	pappalysin 2
NCBI Official Symbol	PAPPA2
NCBI Official Synonym Symbols	PAPPE; PLAC3; PAPP-E; PAPP-A2
NCBI Protein Information	pappalysin-2; placenta-specific 3; pregnancy-associated plasma protein E1; pregnancy-associated plasma preproprotein-A2
UniProt Protein Name	Pappalysin-2
UniProt Gene Name	PAPPA2
UniProt Synonym Gene Names	PLAC3; PAPP-A2; PAPP-E
UniProt Entry Name	PAPP2_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.