

Recombinant Human PAPPA2 protein, His-tagged

Cat. No. PAPPA2-821H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAPPA2 protein(NP_064714.2) corresponding to amino acid (Ser 234-Cys 1396) was expressed in HEK293, with a carboxy-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	234-1396 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human PAPPA2 consists of 1174 amino acids with the predicted molecular mass of 131 kDa. As a result of glycosylation, rhPAPPA2 migrates as an approximately 170-180 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PAPPA2 pappalysin 2 [Homo sapiens]

Official Symbol PAPPA2

Synonyms PAPPA2; pappalysin 2; PLAC3, placenta specific 3; pappalysin-2; PAPP A2; PAPPE; PAPP-E; placenta-specific 3; pregnancy-associated plasma protein E1; pregnancy-associated plasma preproprotein-A2; PLAC3; PAPP-A2;

Gene ID 60676

mRNA Refseq NM_020318

Protein Refseq NP_064714

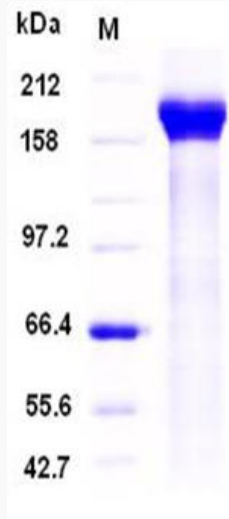
UniProt ID Q9BXP8

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SDS-PAGE



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