

# Human PAPPA2 (His Tag) recombinant protein



Catalog Number: 503080

## General Information

### Gene Name Synonym

Pregnancy-associated plasma protein A2;  
Pregnancy-associated plasma protein E1

### Protein Construction

A DNA sequence encoding the human PAPPA2 mature form (NP\_064714.2) corresponding to amino acid (Ser 234-Cys 1396) was expressed with a carboxy-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ser 234

### 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.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

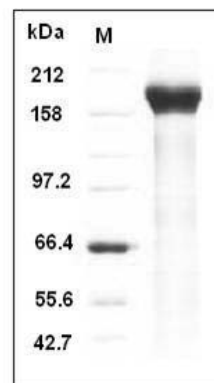
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human PAPPA2 / Pappalysin 2 Protein (His Tag)  
SDS-PAGE