

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 μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°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

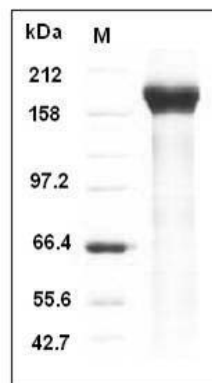
Store it under sterile conditions at -20°C to -80°C .

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