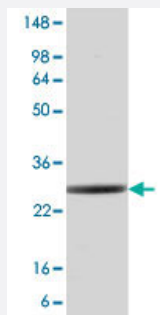


PAPPA (Human) Recombinant Protein

Catalog # P3824

Size 10 ug

Applications



Specification

Product Description	Human PAPPA (NP_002572.2, 81 a.a. - 271 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	REARGATEEPSPPSRALYFSGRGEQLRLRADLELPRDAFTLQVWLRAEGGQRSPAVITGLYDKC SYISDRGWVVGIIHTISDQDNKDPRYFFSLKTDRARQVTTINAHRSYLPQQWVYLAATYDGGQFMKL YVNGAQVATSGEQVGGIFSPLTQKCKVLMGGGALNHNYRGYIEHFSLWKVARTQREILSD
Host	Escherichia coli
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Quality Control Testing	10% SDS-PAGE Result
Storage Buffer	In PBS (50% glycerol)
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — PAPPA

Entrez GeneID [5069](#)

Protein Accession# [NP_002572.2](#)

Gene Name PAPPA

Gene Alias ASBABP2, DIPLA1, IGFBP-4ase, PAPA, PAPP-A, PAPPA1

Gene Description pregnancy-associated plasma protein A, pappalysin 1

Omim ID [176385](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a secreted metalloproteinase which cleaves insulin-like growth factor binding proteins (IGFBPs). It is thought to be involved in local proliferative processes such as wound healing and bone remodeling. Low plasma level of this protein has been suggested as a biochemical marker for pregnancies with aneuploid fetuses. [provided by RefSeq]

Other Designations OTTHUMP00000022806|aspecific BCL2 ARE-binding protein 2|differentially placenta 1 expressed protein|insulin-like growth factor-dependent IGF binding protein-4 protease|pregnancy-associated plasma protein A|pregnancy-associated plasma protein A

Disease

- [Abortion](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Infertility](#)
- [Tobacco Use Disorder](#)