



# PAPPA2 blocking peptide (CDBP5931)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the pappalysin family of metzincin metalloproteinases. The encoded protein cleaves insulin-like growth factor-binding protein 5 and is thought to be a local regulator of insulin-like growth factor (IGF) bioavailability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PAPPA2 pappalysin 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PAPPA2
<b>Synonyms</b>	PAPPA2; pappalysin 2; PAPPE; PLAC3; PAPP-E; PAPP-A2; pappalysin-2; placenta-specific 3; pregnancy-associated plasma protein E1; pregnancy-associated plasma preproprotein-A2
<b>Entrez Gene ID</b>	<a href="#">60676</a>
<b>mRNA Refseq</b>	<a href="#">NM_020318</a>

<b>Protein Refseq</b>	<a href="#">NP_064714</a>
<b>UniProt ID</b>	Q9BXP8
<b>Pathway</b>	Metabolism of proteins; Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs)
<b>Function</b>	metallopeptidase activity; zinc ion binding