



# OVGP1 blocking peptide (CDBP5875)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a large, carbohydrate-rich, epithelial glycoprotein with numerous O-glycosylation sites located within threonine, serine, and proline-rich tandem repeats. The gene is similar to members of the mucin and the glycosyl hydrolase 18 gene families. Regulation of expression may be estrogen-dependent. Gene expression and protein secretion occur during late follicular development through early cleavage-stage embryonic development. The protein is secreted from non-ciliated oviductal epithelial cells and associates with ovulated oocytes, blastomeres, and spermatozoan acrosomal regions. [provided by RefSeq, Jul 2008]
<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="#">OVGP1 oviductal glycoprotein 1, 120kDa [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	OVGP1
<b>Synonyms</b>	OVGP1; oviductal glycoprotein 1, 120kDa; EGP; OGP; MUC9; CHIT5; oviduct-specific glycoprotein; mucin 9; mucin-9; oviductin; oviduct glycoprotein; estrogen-dependent oviduct protein

<b>Entrez Gene ID</b>	<a href="#">5016</a>
<b>mRNA Refseq</b>	<a href="#">NM_002557</a>
<b>Protein Refseq</b>	<a href="#">NP_002548</a>
<b>UniProt ID</b>	Q12889
<b>Pathway</b>	Fertilization; Interaction With The Zona Pellucida; Reproduction
<b>Function</b>	chitinase activity