



# Human OVGP1 blocking peptide (CDBP2151)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-OVGP1 antibody
<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>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

## GENE INFORMATION

**Gene Name** [OVGP1 oviductal glycoprotein 1, 120kDa \[ Homo sapiens \(human\) \]](#)

<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_002557.3</a>
<b>Protein Refseq</b>	<a href="#">NP_002548.3</a>
<b>UniProt ID</b>	Q12889
<b>Chromosome Location</b>	1p13
<b>Pathway</b>	Fertilization, organism-specific biosystem; Interaction With The Zona Pellucida, organism-specific biosystem; Reproduction, organism-specific biosystem;
<b>Function</b>	chitinase activity;