



# Recombinant Human Oviduct-specific glycoprotein (OVGP1)

<b>Product Code</b>	CSB-EP614260HU
<b>Abbreviation</b>	OVGP1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q12889
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	HKLVCYFTN WAHSRPGPAS ILPHDLDPFL CTHLIFAFAS MNNNQIVAKD LQDEKILYPE FNKLKERNRE LKTLLSIGGW NFGTSRFTTM LSTFANREKF IASVISLLRT HDFDGLDLFF LYPGLRGSPM HDRWTFLEFLI EELLFAFRKE ALLTMRPRLL LSAAVSGVPH IVQTSYDVRF LGRLLDFINV LSYDLHGSWE RFTGHNSPLF SLPEDPKSSA YAMNYWRKLG APSEKLIMGI PTYGRFTFRL KASKNGLQAR AIGPASPGKY TKQEGFLAYF EICSFVWGAK KHWDYQYVP YANKGKEWVG YDNAISFSYK AWFIRREHFG GAMVWTLDM DVRGTFCGTG PFPLVYVLND ILVRAEFSST SLPQFWLSSA VNSSSTDPER LAVTTAWTTD SKILPPGGEA GVTEIHGKCE NMTITPRGTT VTPTKETVSL GKHTVALGEK TEITGAMTMT SVGHQSMTPG EKALTPVGHQ SVTTGQKTLT SVGYQSVTPG EKLTLPVGHQ SVTPVSHQSV SPGGTTMTPV HFQTETLRQN TVAPRRKAVA REKVTVPSRN ISVTPEGQTM PLRGENLTSE VGTHPRMGNL GLQMEAENRM MLSSSPVIQL PEQTPLAFDN RFVPIYGNHS SVNSVTPQTS PLSLKKEIPE NSAVDEEA
<b>Source</b>	E.coli
<b>Target Names</b>	OVGP1
<b>Protein Names</b>	Recommended name: Oviduct-specific glycoprotein Alternative name(s): Estrogen-dependent oviduct protein Mucin-9 Oviductal glycoprotein Oviductin
<b>Expression Region</b>	22-678
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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