



Recombinant Mouse Oviduct-specific glycoprotein (Ovgp1)

Product Code	CSB-EP737065MO
Abbreviation	Ovgp1
Storage	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.
Uniprot No.	Q62010
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	YKLVCYFTN WAHSRPGPAS IMPHDLDPFL CTHLIFAFAS MSNNQIVAKN LQDENVLYPE FNKLKERNRE LKTLISIGGW NFGTSRFTAM LSTLANREKF IDSVISFLRI HGFDGLDLFF LYPGLRGSPH HDRWNFLFLI EELQFAFERE ALLTQHPRLL LSAAVSGIPS IIHTSYDALL LGRRLDFINV LSYDLHGSWE KFTGHNSPLF SLPEDSKSSA YAMNYWRKLG TPADKLIMGF PTYGRNFYLL KESKNGLQTA SMGPASPGKY TKQAGFLAYY EVCSFVQRAK KHWIDYQYVP YAFKGKEWLG YDDTISFSYK AMYVKREHFG GAMVWTLDM DVRGTFCGNG PFPLVHILNE LLVQTESNST PLPQFWFTSS VNASGPGSEN TALTEVLTTD TIKILPPGGE AMTTEVHRRY ENMTTVPSDG SVTPGGTASP RKHAVTPENN TMAAEAKTMS TLDFFSKTTT GVSKTTTGIS KTTTGVS KTTT TGVSKATAGI SKTIPEISKA TAGVSKTTTG VSKTTTGISK TITGVSKTTT GISKTTTGIS KTTTGVS KIT TGVSKTTTGI SKTTTGISQT TTGISKTTTD ISKTTTGISK TTPGISKTTT GMTVIVQTQA NEAETTATMD HQSVTPTEMD TTLFYLKMTT PSEKETSRRK TMVLEKATVS PREMSATPNG QSKTLKWASL ITEVETYSQD G
Source	E.coli
Target Names	Ovgp1
Protein Names	Recommended name: Oviduct-specific glycoprotein Alternative name(s): Estrogen-dependent oviduct protein Oviductal glycoprotein Oviductin
Expression Region	22-721
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.

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.

Shelf Life

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