



Recombinant Mouse Sex hormone-binding globulin (Shbg)

Product Code	CSB-EP021252MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P97497
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	LRHIDPIQSA QDPPAKYLSN GPGQEPVMVM TIDLTISKSP HSSFEFRTWD PEGVIFYGDT NTEDDWFLG LRAQGLEIQL HNAWARLTVG FGPRLDDGRW HPVELKMNGD SLLLWVDGKE MLCLRQISAS LADHSQRSMR IALGGLLLPT SKLRFPLVPA LDGCIRRDW LGHQAQLSAS PRTSLGNCDV DLQPGLFFPP GTHAEFSLQD IPQPHADPWT FSLELGFKLV DGSGQLLALG TGTNSSWLNI HLQNQSVVLS SEAEPKVLP LDVGLPLQLT LDRVKVVLVSQ GPKMEVLSMS LLRPASLWRL WSHPPQGHSL GALPGESSA SFCLSDFWVQ GQRLDIDQAL SRSQDIWTHS CPQRPSNDTR TSH
Source	E.coli
Target Names	Shbg
Protein Names	Recommended name: Sex hormone-binding globulin Short name= SHBG Alternative name(s): Sex steroid-binding protein Short name= SBP Testis-specific androgen-binding protein Short name= ABP
Expression Region	31-403
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 steroid binding protein that was first described as a plasma protein secreted by the liver but is now thought to participate in the regulation of steroid responses. The encoded protein binds each steroid molecule as a dimer formed from identical or nearly identical monomers. The use of alternate promoters and alternatively spliced transcripts have been described. Multiple transcript variants encoding different isoforms have been found for this gene.
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	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.