Recombinant Bovine Beta-2-glycoprotein 1 (APOH)

Product Code	CSB-MP001939BO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P17690
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	G RTCPKPDELP FSTVVPLKRT YEPGEQIVFS CQPGYVSRGG IRRFTCPLTG LWPINTLKCM PRVCPFAGIL ENGTVRYTTF EYPNTISFSC HTGFYLKGAS SAKCTEEGKW SPDLPVCAPI TCPPPPIPKF ASLSVYKPLA GNNSFYGSKA VFKCLPHHAM FGNDTVTCTE HGNWTQLPEC REVRCPFPSR PDNGFVNHPA NPVLYYKDTA TFGCHETYSL DGPEEVECSK FGNWSAQPSC KASCKLSIKR ATVIYEGERV AIQNKFKNGM LHGQKVSFFC KHKEKKCSYT EDAQCIDGTI EIPKCFKEHS SLAFWKTDAS DVKPC
Source	Mammalian cell
Target Names	APOH
Protein Names	Recommended name: Beta-2-glycoprotein 1 Alternative name(s): Apolipoprotein H Short name= Apo-H Beta-2-glycoprotein I Short name= B2GPI Short name= Beta(2)GPI
Expression Region	20-345
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	Apolipoprotein H has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome, but it does not seem to be required for the reactivity of antiphospholipid autoantibodies associated with infections.
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.