



# Recombinant Bovine Beta-2-glycoprotein 1 (APOH)

<b>Product Code</b>	CSB-EP001939BO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P17690
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	G RTCPKPDELP FSTVVPLKRT YEPGEQIVFS CQPGYVSRGG IRRFTCPLTG LWPINTLKCM PRVCPFAGIL ENGTVRYTTF EYPNTISFSC HTGFYKLGAS SAKCTEEGKW SPDLPVCAPI TCPPPIPKF ASLSVYKPLA GNNSFYGSKA VFKCLPHHAM FGNDTVTCTE HGNWTQLPEC REVRCPFPSR PDNGFVNHPA NPVLYYKDTA TFGCHETYSL DGPEEVECSK FGNWSAQPSC KASCKLSIKR ATVIYEGERV AIQNKFKNGM LHGQKVSFFC KHKEKKCSYT EDAQCIDGTI EIPKCFKEHS SLAFWKTDAS DVKPC
<b>Source</b>	E.coli
<b>Target Names</b>	APOH
<b>Protein Names</b>	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
<b>Expression Region</b>	20-345
<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>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</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.