Recombinant Rat Beta-2-glycoprotein 1 (Apoh)

Product Code	CSB-EP001939RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P26644
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	G RRMWPINTLK CTPRVCPFAG ILENGVVRYT TFEYPNTIGF ACNPGYYLNG TSSSKCTEEG KWSPELPVCA RITCPPPPIP KFAALKEYKT SVGNSSFYQD TVVFKCLPHF AMFGNDTVTC TAHGNWTQLP ECREVKCPFP SRPDNGFVNY PAKPVLSYKD KAVFGCHETY KLDGPEEVEC TKTGNWSALP SCKASCKLSV KKATVLYQGQ RVKIQDQFKN GMMHGDKVHF YCKNKEKKCS YTEEAQCIDG TIEIPKCFKE HSSLAFWKTD ASDVTPC
Source	E.coli
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	20-297
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.