



Recombinant Bovine Apolipoprotein A-II (APOA2)

Product Code	CSB-EP001915BO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P81644
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	QAEESNL QSLVSQYFQT VADYGKDLVE KAKGSELQTQ AKAYFEKTQE ELTPFFKKAG TDLLNFLSSF IDPKKQPATR
Source	E.coli
Target Names	APOA2
Protein Names	Recommended name: Apolipoprotein A-II Short name= Apo-AII Short name= ApoA-II Alternative name(s): Antimicrobial peptide BAMP-1 Apolipoprotein A2 Cleaved into the following chain: 1. Apolipoprotein A-II(1-76)
Expression Region	24-100
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 apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia.
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.