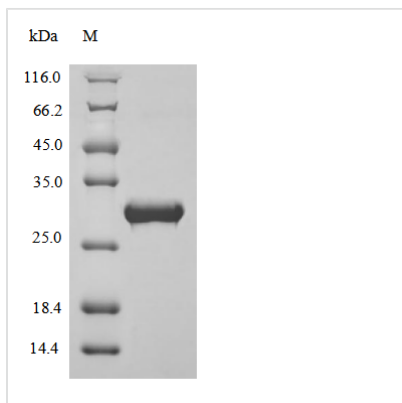




Recombinant Bovine Apolipoprotein A-I (APOA1), partial

Product Code	CSB-YP001913BO
Relevance	Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase (LCAT). As part of the SPAP complex, activates spermatozoa motility.
Abbreviation	Recombinant Bovine APOA1 protein, partial
Storage	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.
Uniprot No.	P15497
Alias	Apolipoprotein A1
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DDPQSSWDRVKDFATVYVEAIKDSGRDYVAQFEASALGKQLNLKLLDNWDTL ASTLSKVREQLGPVTQEFWDNLEKETASLRQEMHKDLEEVKQKVPYLDEFQ KKWHEEVEIYRQKVAPLGEEFREGARQKVQELQDKLSPLAQELRDRARAHVE TLRQQ LAPYSDDL RQRLTARLEALKEGGGSLAEYHAKASEQLKALGEKAKPVL EDLRQGLLPVLESLKVSILAAIDEASKKLNAQ
Research Area	Others
Source	Yeast
Target Names	APOA1
Protein Names	Recommended name: Apolipoprotein A-I Short name= Apo-AI Short name= ApoA-IA Alternative name(s): Apolipoprotein A1 Cleaved into the following chain: 1. Truncated apolipoprotein A-I
Expression Region	25-265aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	29.5kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.