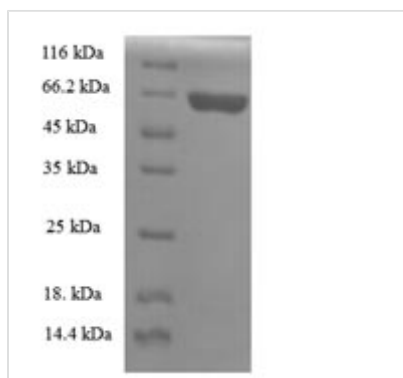




Recombinant Rat Apolipoprotein A-V (Apoa5)

Product Code	CSB-EP001917RA
Relevance	Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and a inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages .
Abbreviation	Recombinant Rat ApoA5 protein
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.	Q9QUH3
Alias	Apolipoprotein A5;Regeneration-associated protein 3
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	RKSFWEYFGQNSQGKGMGQQQKLAQESLKGSLQDLYNMNNFLEKLGPL REPGKEPPRLAQDPEGIRKQLQQELEEIVSTRLEPYMAAKHQQVGVNLEGLR QQLKPVTVELMEQVGLSVQDLQEQLRMVGKGTAKLLGGVDEAMSLQDMQ SRVLHHTDRVKELFHPYAERLVTGIGHHVQELHRSVAPHAVASPARLSRCVQT LSHKLTRKAKDLHTSIQRNLDQLRDELSTFIRVSTDGADNRDSLDPQALSDEVR QRLQAFRHDTYLQIAAFTQAIDQETEEIQHQLAPPPPSHSAFAPELGHSDSNKA LSRLQSRLLDDLWEDIAYGLHDQGHSSQNNPEGHSG
Research Area	Others
Source	E.coli
Target Names	Apoa5
Expression Region	21-367aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	66.4kDa
Protein Length	Full Length of Mature Protein
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.