

Recombinant Rat Apolipoprotein A-V(Apoa5),partial

Catalog No: #AP70044

Package Size: #AP70044-1 20ug #AP70044-2 100ug #AP70044-3 1mg

Description

Product Name	Recombinant Rat Apolipoprotein A-V(Apoa5),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-367aaSequence Info:Partial of Isoform 3
Other Names	Apolipoprotein A5;Regeneration-associated protein 3
Accession No.	Q9QUH3
Calculated MW	66.4 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	RKSFWEYFGQNSQKGMMGQQKLAQESLKGSLEQDLYNMNNFLEKLGPLREPGKEPPRLAQDPEGIRKQ LQQELEEVSTRLEPYMAAKHQVGVNLEGLRQQLKPYTVELMEQVGLSVQDLQEQLRMVGKGTAKQLLGG VDEAMSLQLQDMQSRVLHHTDRVKELFHPYAERLVTGIGHHVQELHRSVAPHAVASPARLSRCVQTLSHKLTR KAKDLHTSIQRNLDQLRDELSTFIRVSTDGADNRDSLDPQALSDEVQRQLQAFRHDTYLQIAAFTQAIDQETEEI QHQLAPPPPSHSAFAPELGHSDSNKALSRLQSRLDDLWEDIAYGLHDQGHSSQNNPEGHSG
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 .

References

Apolipoprotein A-V. A novel apolipoprotein associated with an early phase of liver regeneration.van Der Vliet H.N., Sammels M.G., Leegwater A.C.J., Levels J.H.M., Reitsma P.H., Boers W., Chamuleau R.A.F.M.J. Biol. Chem. 276:44512-44520(2001)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.