

Recombinant Mouse Apolipoprotein A-IV(Apoa4)

Catalog No: #AP70043

Package Size: #AP70043-1 20ug #AP70043-2 100ug #AP70043-3 1mg

Description

Product Name	Recombinant Mouse Apolipoprotein A-IV(Apoa4)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-395aaSequence Info:Full Length
Other Names	Apolipoprotein A4
Accession No.	P06728
Calculated MW	70 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	EVTSQVANVVDYFTQLSNNAKEAVEQFQKTDVTQQLSTLFQDKLGDASTYADGVHNKLVFPVVQLSGHLA QETERVKEEIKKELEDLRDRMMPHANKVTQTFGENMQKLQEHLKPYAVDLQDQINTQTQEMKLQLTPYIQR QTTIKENVDNLHTSMPLATNLKDKFNRNMEELKGHLTPRANELKATIDQNLEDLRRSLAPLTVGVQEKLNHQ MEGLAFQMKKNAEELQTKVSAKIDQLQKNLAPLVEDVQSKVKGNTGLQKSLEDLNRQLEQQVEEFRRTVEP MGEMFNKALVQQLEQFRQQLGPNSGEVESHLSFLEKSLREKVNSFMSTLEKKGSPDQPQALPLPEQAQEQ QEQAQEQVQPKPLES
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

May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. ApoA-IV is a major component of HDL and chylomicrons.

References

Mass spectral analysis of the apolipoproteins on mouse high density lipoproteins. Detection of post-translational modifications.Puppione D.L., Yam L.M., Bassilian S., Souda P., Castellani L.W., Schumaker V.N., Whitelegge J.P.Biochim. Biophys. Acta 1764:1363-1371(2006) Research Topic:Others

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