

Recombinant Human Apolipoprotein A-IV(APOA4)

Catalog No: #AP70042

Package Size: #AP70042-1 20ug #AP70042-2 100ug #AP70042-3 1mg

Description

Product Name	Recombinant Human Apolipoprotein A-IV(APOA4)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-396aaSequence Info:Full Length
Other Names	Apolipoprotein A4
Accession No.	P06727
Calculated MW	59.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	EVSAQVATVMWDYFSQLSNNAKEAVEHLQKSELTQQLNALFQDKLGEVNTYAGDLQKKLVPFATELHERLA KDSEKLKEEIGKELEELRARLLPHANEVSQKIGDNLRELQQRLEPYADQLRTQVNTQAEQLRRQLTPYAQRME RVLRENADSLQASLRPHADELKAKIDQNVEELKGRLLPYADEFKVKIDQTVHEELRRSLAPYAQDTQEKLNHQL EGLTFQMKNNAEELKARISASAEELRQLAPLAEDVRGNLRGNTGLQKSLAELGGHLDQQVEEFRRRVEPY GENFNKALVQQMEQLRQKLGPAGDVEGHLSFLEKDLRDKVNSFFSTFKEKESQDKTSLPELEQQQEQQQ EQQQEQVQMLAPLES
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

An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)Research Topic:Cardiovascular

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