

Recombinant Mouse APOA4 Protein (21-395 aa), His-tagged

Cat. No. APOA4-1332M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse APOA4 Protein (21-395 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	21-395 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.0 kDa
AA Sequence	EVTSDQVANVVDYFTQLSNNAKEAVEQFQKTDVTQQLSTLFQDKLGDASTYADG VHNKLVPFVVQLSGHLAQETERVKKEIKKELEDLRDRMMPHANKVTQTFGENMQKL QEHLKPYAVDLQDQINTQTQEMKLQLTPYIQRMQTTIKENVNDNLHTSMMPLATNLKD KFNRNMEELKGHLTPRANELKATIDQNLEDLRRSLAPLTVGVQEKLNHQMEGLAFQ MKKNAEELQTKVSAKIDQLQKNLAPLVEDVQSKVKGNTTEGLQKSLEDLNRQLEQQV EEFRRTVEPMGEMFNKALVQQLEQFRQQLGPNSGEVESHLSFLEKSLREKVNSFM STLEKKGSPDQPQALPLPEQAQEQQAQEQVQPKPLES

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Apoa4 apolipoprotein A-IV [Mus musculus]
Official Symbol	APOA4
Synonyms	APOA4; apo-AIV; apoA-IV; apolipoprotein A4; Apoa-4;
Gene ID	11808
mRNA Refseq	NM_007468
Protein Refseq	NP_031494
UniProt ID	P06728

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