

## 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**

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EVTSDQVANVVWDYFTQLSNNAKEAVEQFQKTDVTQQLSTLFQDKLGDASTYADG
VHNKLVPFVVQLSGHLAQETERVKKEIKKELEDLRDRMMPHANKVTQTFGENMQKL
QEHLKPYAVDLQDQINTQTQEMKLQLTPYIQRMQTTIKENVNDNLHTSMMPLATNLKD
KFNRNMEELKGHLPANELKATIDQNLEDLRRSLAPLTVGVQEKLNHQMEGLAFQ
MKKNAEELQTKVSAKIDQLQKNLAPLVEDVQSKVKGNTTEGLQKSLEDLNRQLEQQV
EEFRRTVEPMGEMFNKALVQQLEQFRQQLGPNSGEVESHLSFLEKSLREKVNSFM
STLEKKGSPDQPQALPLPEQAQEQAEQAQEQVQPKPLES
    
```

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

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

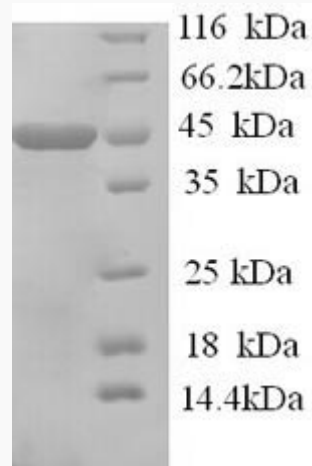
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Apoa4 apolipoprotein A-IV [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">APOA4</a>
<b>Synonyms</b>	APOA4; apo-AIV; apoA-IV; apolipoprotein A4; Apoa-4;
<b>Gene ID</b>	<a href="#">11808</a>
<b>mRNA Refseq</b>	<a href="#">NM_007468</a>
<b>Protein Refseq</b>	<a href="#">NP_031494</a>
<b>UniProt ID</b>	<a href="#">P06728</a>

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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