

## Recombinant Human APOA4 Protein, His-tagged

**Cat. No.** APOA4-766H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human APOA4 (NP_000473.2) (Met1-Ser396) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-396 a.a.
<b>Predicted N Terminal</b>	Glu 21
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant human APOA4 consists 387 amino acids and predicts a molecular mass of 44.8 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [APOA4 apolipoprotein A-IV \[ Homo sapiens \]](#)

**Official Symbol** [APOA4](#)

**Synonyms** APOA4; apolipoprotein A-IV; apo-AIV; apoA-IV; apolipoprotein A4; MGC142154; MGC142156;

**Gene ID** [337](#)

**mRNA Refseq** [NM\\_000482](#)

**Protein Refseq** [NP\\_000473](#)

**MIM** [107690](#)

**UniProt ID** [P06727](#)

**Chromosome Location** 11q23-qter

**Pathway** Amyloids, organism-specific biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; Disease, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem;

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