Recombinant Human APOA4 Protein, His-tagged

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

SPECIFICATION

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

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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℃ 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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