

Recombinant Mouse ApoA4 Protein, MYC/DDK-tagged

Cat. No. ApoA4-632M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse apolipoprotein A-IV (ApoA4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	45 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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

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