

Recombinant Mouse ApoA5 Protein, Myc/DDK-tagged

Cat. No. ApoA5-1662M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length apolipoprotein A-V (ApoA5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and an inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages. Binds heparin.
Molecular Mass	41.7 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

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Apoa5 apolipoprotein A-V \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Apoa5](#)

Synonyms APOA5; apolipoprotein A-V; apo-AV; apoA-V; apolipoprotein A5; regeneration-associated protein 3; RAP3; Apoav; 1300007O05Rik

Gene ID [66113](#)

mRNA Refseq [NM_080434](#)

Protein Refseq [NP_536682](#)

UniProt ID [Q8C7G5](#)

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