

# Recombinant Mouse Apoc3 Protein, C-Myc/DDK-tagged

## Product Information

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<b>Cat</b>	IMP-7337
<b>Official Symbol</b>	APOC3
<b>Product Overview</b>	Purified recombinant protein of Mouse apolipoprotein C-III (Apoc3), with C-terminal Myc/DDK tag, expressed in HEK293T cells.
<b>Description</b>	<p>This gene encodes an apolipoprotein which is the major protein component of very-low-density lipoproteins (VLDL) and a minor component of high-density lipoproteins (HDL). The encoded protein is thought to regulate the metabolism of triglyceride-rich lipoproteins and play a role in lipid storage and the mobilization of fat cells. This gene is clustered with three other apolipoprotein genes on chromosome 9 and is associated with coronary disease. Mice lacking this gene have lower levels of total cholesterol in the plasma. Mutations in the human genes causes hyperalphalipoproteinemia 2, a disorder of lipid metabolism which results in a favorable lipid profile (lower LDL-cholesterol, higher HDL-cholesterol and lower levels of serum triglycerides when fasting and after a meal). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]</p>
<b>Expression System</b>	HEK293T
<b>Species</b>	Mouse
<b>Tag</b>	C-Myc/DDK
<b>Form</b>	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
<b>Molecular Mass</b>	11.4 kDa
<b>AA Sequence</b>	<p>MQPRTLLTVALLALLASARAEVEGSLLLGQSVQGYMEQASKTVQDALSSV QESDIAVVARGWMDNHFRFLKGYWSKFTDKFTGFWDSPEDQPTPAIES TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</b>	Store at -80 centigrade after receiving vials. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	> 50 µg/mL as determined by microplate BCA method.