

Recombinant Mouse Apob protein, His-tagged

Cat. No. Apob-493M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Apob(His3360~Arg3526) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His3360~Arg3526
Form	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Molecular Mass	19.6kDa
AA Sequence	MGHHHHHSGS-H FLSSSSFVTD ALQYKLEGTS RLMRKRG LKL ATAVSLTNKF VKGSHDSTIS LTKKNMEASV RTTANLHAPI FSMNFKQELN GNTKSKPTVS SSIELNYDFN SSKLHSTATG GIDHKFSLES LTSYFSIESF TKGNIKSSFL SQEYSGSVAN EANVYLNSKG TRSSVR
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name [Apob apolipoprotein B \[Mus musculus \]](#)

Official Symbol [Apob](#)

Synonyms APOB; apolipoprotein B; apob-48; AI315052; apob-100; MGC176318;

Gene ID [238055](#)

mRNA Refseq [NM_009693](#)

Protein Refseq [NP_033823](#)

MIM

UniProt ID [E9Q414](#)

Chromosome Location 12 A1.1; 12 3.53 cM

Pathway Cell surface interactions at the vascular wall, organism-specific biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Hemostasis, organism-specific biosystem; LDL-mediated lipid transport, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem;

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Function

cholesterol transporter activity; enzyme binding; heparin binding; lipid binding; low-density lipoprotein particle receptor binding; phospholipid binding; protein heterodimerization activity;

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