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Mouse ox-LDL

Catalog Number:	bs-8574P
Concentration:	>1.0 mg/ml
AA Seq:	Purified native protein
Activity:	Not tested
Endotoxin:	Not analyzed
Storage:	Stored at 2-8°C for 8-20 weeks. Avoid freeze.
Background:	Low-density lipoprotein (LDL) is the carrier protein for cholesterol in the blood. LDL binds to its receptor on the capillary walls and thereby mediates the uptake and clearence of cholesterol from the circulation. In atherosclerotic lesions oxidatively modified LDL is found and oxidized LDL is specifically recognized and ingested by macrophages via scavenger receptor A and CD36. Oxidized LDL may be a marker of atherosclerosis but the precise changes in oxidized LDL are not well described. Low-density lipoprotein oxidised with Cu2SO4.

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.4] Yang-Xi Hu. et al. Macrophage P2Y12 regulates iron transport and its inhibition protects against atherosclerosis. J ADV RES. 2024 Dec;: ; . 39674499

[IF=8.3] Yiming Ma. et al. Isoforskolin, adenylate cyclase agonist, inhibits endothelial-to-mesenchymal transition in atherosclerosis. PHYTOMEDICINE. 2025 Feb;:156520 ; . 39986229

[IF=4.6] Song Yabin. et al. Ox-LDL Induces Neuron Apoptosis and Worsens Neurological Outcomes in aSAH via Fas/FADD Pathway. MOL NEUROBIOL. 2025 Apr;:1-14 WB ; Mouse . 40199806

[IF=2.538] Tang Y et al. Long Noncoding RNA TUG1 Promotes the Function in ox-LDL-Treated HA-VSMCs via miR-141-3p/ROR2 Axis. Cardiovasc Ther. 2020 May 29;2020:6758934. Other ; . 32565910

[IF=0.205] Yang C et al. Tanshinone IIA reduces oxidized low-density lipoprotein-induced inflammatory responses by downregulating microRNA-33 in THP-1 macrophages. Int J Clin Exp Pathol 2019;12(10):3791-3798. Other ; . ISSN:1936-2625/IJCEP009861

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