

Human ox-LDL

Catalog Number: bs-1698P

Concentration: >1.0 mg/ml

AA Seq: Purified native protein

Activity: Not tested

Endotoxin: Not analyzed

Form: Liquid

Storage: 10 mM PBS(pH=7.4) with 0.01 μ M EDTA.

Store at 4°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 clearance 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.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.986] Yang, Yilin. et al. Knockdown of lncRNA H19 alleviates ox-LDL-induced HCAECs inflammation and injury by mediating miR-20a-5p/HDAC4 axis. INFLAMM RES. 2022 Jul;;1-13 Other ; . 35854140

[IF=3.514] Su Q et al. Pinocembrin protects endothelial cells from oxidized LDL-induced injury.Cytokine. 2018 Nov;111:475-480. Other ; . 29914794

[IF=3.647] Yi Zhou et al. Long non-coding RNA MIAT/miR-148b/PAPPA axis modifies cell proliferation and migration in ox-LDL-induced Human aorta vascular smooth muscle cells. Life Sci. 2020 Sep 1;256:117852. Other ; Human . 32470448

[IF=3.466] Zhang et al. H19 knockdown suppresses proliferation and induces apoptosis by regulating miR-148b/WNT/ β -catenin in ox-LDL -stimulated vascular smooth muscle cells. (2018) J.Biomed.Sci. 25:11 Other ; Human . 29415742

[IF=3.309] Ye J et al. LncRBA GSA5, up-regulated by ox-LDL, aggravates inflammatory response and MMP expression in THP-1 macrophages by acting like a sponge for miR-221.Exp Cell Res. 2018 Aug 15;369(2):348-355. Other ; . 29859752