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32-13349: OLR1 Human, Sf9

Alternative Name :	Oxidized Low Density Lipoprotein Receptor 1, C-Type Lectin Domain Family 8 Member A, Lectin-Type Oxidized LDL Receptor 1, CLEC8A, HLOX-1, LOX1, Oxidised Low Density Lipoprotein (Lectin-Like) Receptor 1, Oxidized Low Density Lipoprotein (Lectin-Like) Receptor 1, Oxidized Low-Density Lipoprotein Receptor 1, Soluble Form, Oxidized Low-Density Lipoprotein Receptor 1, Scavenger Receptor Class E, Member 1, Lectin-Like Oxidized LDL Receptor 1, Lectin-Like OxLDL Receptor 1, Ox LDL Receptor 1, Ox-LDL Receptor 1, SCARE1, LOXIN, SLOX1, LOX-1, Oxidized low-density lipoprotein receptor 1, Ox-LDL receptor 1, C-type lectin domain family 8 member A, LOX-1, Lectin-like oxLDL receptor 1, hLOX-1, Lectin-type oxidized LDL receptor 1.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
OLR1 is a type II membrane protein which belongs to the C-type lectin family and performs as a cell-surface receptor for Ox-LDL. Ox-LDL has a part in early ather-osclerosis, which includes the transformation of monocyte-derived macro-phages to foam cells in atherosclerotic lesions. In addition, OLR1 protein triggers the activation of the NF B signal transduction pathway.
OLR1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 225 amino acids (58-273a.a) and having a molecular mass of 25.8kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). OLR1 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	OLR1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPMQLSQVS DLLTQEQANL THQKKKLEGQ ISARQQAEEA SQESENELKE MIETLARKLN EKSKEQMELH HQNLNLQETL KRVANCSAPC PQDWIWHGEN CYLFSSGSFN WEKSQEKCLS LDAKLLKINS TADLDFIQQA ISYSSFPFWM GLSRRNPSYP WLWEDGSPLM PHLFRVRGAV SQTYPSGTCA YIQRGAVYAE NCILAAFSIC QKKANLRAQH HHHHH.