

32-4370: Recombinant Human Oxidized Low Density Lipoprotein Receptor 1

Alternative Name : Oxidized low density lipoprotein (lectin-like) receptor 1, CLEC8A, hLOX1, SCARE1, Lectin-type oxidized LDL receptor 1, Lectin-like oxidized LDL receptor 1, C-type lectin domain family 8 member A, LOXIN, SLOX1, ox LDL receptor 1, Oxidized low-density

Description

Source : E.coli. OLR1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (58-273) and having a molecular mass of 24.7 kDa. The OLR1 is purified by proprietary chromatographic techniques. 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 athero-sclerosis, which includes the transformation of monocyte-derived macrophages to foam cells in atherosclerotic lesions. In addition, OLR1 protein triggers the activation of the NF κ B signal transduction pathway.

Product Info

Amount : 20 μ g
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The OLR1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% 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 : MQLSQVSDLL TQEQANLTHQ KKKLEGQISA RQQAEEASQE SENELKEMIE TLARKLNEKS
 KEQMELHHQN LNLQETLKR V ANCSAPCPQD WIWHGENCYL FSSGSFNWEK SKEKCLSLDA
 KLLKINSTAD LDFIQQAISY SSFPFWMGLS RRNPSYPWLW EDGSPLMPHL FRVRGAVSQT
 YPSGTCAYIQ RGAVYAENCI LAAFSICQKK ANLRAQ

