

## 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 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 NFB signal transduction pathway.

### Product Info

**Amount :** 20 µg  
**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 TQEQLNLTHQ KKKLEGQISA RQQAEEASQE SENELKEMIE TLARKLNEKS KEQMELHHQN LNLQETLKR V ANCSAPCPQD WIWHGENCYL FSSGSFNWEK SQEKCLSLDA KLLKINSTAD LDFIQQAISY SSFPFWMGLS RRNPSYPWLW EDGSPLMPHL FRVRGAVSQT YPSGTCAIYQ RGA VYAENCI LAAFSICQKK ANLRAQ