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OLR1 Human

Description: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.

Catalog #:PRPS-930

For research use only.

Synonyms: 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 lipop

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MQLSQVSDLL TQEQANLTHQ KKKLEGQISA RQQAEEASQE SENELKEMIE TLARKLNEKS KEQMELHHQN LNLQETLKRV ANCSAPCPQD WIWHGENCYL FSSGSFNWEK SQEKCLSLDA KLLKINSTAD LDFIQQAISY SSFPFWMGLS RRNPSYPWLW EDGSPLMPHL FRVRGAVSQT YPSGTCAYIQ RGAVYAENCI LAAFSICQKK ANLRAQ

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
The OLR1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol.

Stability:
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.
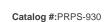
Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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.

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