

**OLR1, 58-273aa, Human, E.coli**

**Cat.NO.: TP03250**

3th Edition

**Synonyms:**Oxidized low density lipoprotein(lectin-like)receptor 1, CLEC8A, LOX1, SCARE1.

**Description:**OLR1, also known as oxidized low density lipoprotein(Ox-LDL) receptor 1, is a type II membrane protein that is a member of the C-type lectin family and acts as a cell-surface receptor for Ox-LDL. Ox-LDL plays a role in early ather-osclerosis, which includes the transformation of monocyte-derived macro-phages to foam cells in atherosclerotic lesions. This protein may also trigger the activation of the NF?B signal transduction pathway.

General

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 5% glycerol 0.4M Urea

**Molecular Weight:**24.7 kDa (216aa)

**Sequences:**

MQLSQVSDLLTQEQLNLTHQKKKLEGQISARQQAEAEASQSENELKEMIETLARKLNEKSKEQMELHHQNLNLQET  
LKRVANCSAPCPQDWIWHGENCYLFSSGSFNWEKSQEKCLSLDAKLLKINSTADLDFIQQAISYSSFPFWMGLSRR  
NPSYPWLWEDGSPLMPHLFRVRGAVSQTYPSTGTCAYIQRGAVYAENCILAAFSICQKKANLRAQ

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.