

OLR1, 58-273aa, Human, His-tag, Baculovirus

Cat.NO.: TP03251

3th Edition

Synonyms:Oxidized low-density lipoprotein receptor 1 isoform 1, OLR1, CLEC8A, LOX1, hLOX-1, LOXIN, SCARE1, SLOX1

Description:OLR1, as known as oxidized low-density lipoprotein receptor 1, is a type 2 transmembrane receptor belonging to the C-type lectin family. It belongs to the functionally defined scavenger receptor (SR) superfamily. This protein is the first member of the class E scavenger receptor subfamily. Also, this protein may play a role in the progression of vulnerable carotid plaque and might regulate vulnerable plaque formation in cooperation with MMPs and TIMP2. Recombinant human OLR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:25.8kDa (225aa), 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPMQLSQVSDLLTQEQANLTHQKKKLEGQISARQQAEAEASQSENELKEMIETLARKLNEKSKEQMELHHQNLNL
QETLKRVANCSAPCPQDWIWHGENCYLFSSGSFNWEKSQEKCLSLDAKLLKINSTADLDFIQQAISYSSFPFWMGL
SRRNPSYPWLWEDGSPLMPHLFRVRGAVSQTYPSGTCAIYIQRGAVYAENCILAAFSICQKKANLRAQHSHHHHH

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Absorbance at 280nm)

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.