

LDLRAP1, 1-308aa, Human, His tag, E.coli

Cat.NO.: TP02798

3th Edition

Synonyms:Low density lipoprotein receptor adaptor protein 1, ARH, ARH1, ARH2, FHCB1, FHCB2.

Description:LDLRAP1 (Low density lipoprotein receptor adapter protein 1) is a cytosolic protein which contains a phosphotyrosine binding (PTD) domain. LDLRAP1 is a cytosolic adaptor that couples LDLR to endocytic machinery. Defects in LDLRAP1 are the cause of autosomal recessive hypercholesterolemia (ARH). ARH is a disorder caused by defective internalization of LDL receptors (LDLR) in the liver.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 200mM NaCl

Molecular Weight:36.1kDa (328aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHHSSGLVPRGSHMDALKSAGRALIRSPSLAKQSWGGGGRHRKLPENWTDTRTLLEGMLFSLKYLG
MTLVEQPKGEELSAAIKRIVATAKASGKKLQKVTLKVSPRGIILTDNLTNQLIENVSIRISYCTADKMHDKVFAYIAQ
SQHNQSLECHAFLCTKRKMAQAVTLTVAQAFKVAFEFWQVSKEEKEKRDKASQEGGDVLGARQDCTPPLKSLVA
TGNLLDLEETAKAPLSTVSANTTNMDEVPRPQALSGSSVWELDDGLDEAFSRLAQSRTPQVLDTGLTAQDMHY
AQCLSPVDWDKPDSSGTEQDDLFSF

Purity:> 95% by HPLC

Concentration:0.5mg/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.