

Low Density Lipoprotein Receptor Adaptor Protein 1 Human Recombi-

Item Number	rAP-3174
Synonyms	Low density lipoprotein receptor adaptor protein 1, Autosomal recessive hypercholesterolemia protein, ARH1, FHCB1, FHCB2, ARH2, LDL receptor adaptor protein, MGC34705, DKFZp586D0624.
Description	LDLRAP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 328 amino acids (1-308) and having a molecular mass of 36.1kDa. LDLRAP1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q5SW96
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MDALKSAGRA LIRSPSLAKQ SWGGGGRRHRK LPENWTDTRE TLLEGMLFSL KYLGMTLVEQ PKGEELSAAA IKRIVATAKA SGKKLQKVTL KVSPRGILT DNLTNQLIEN VSIYRISYCT ADKMHDKVFA YIAQSQHNQS LECHAFLCTK RKMAQAVTLT VAQAFKVAFE FWQVSKEEKE KRDKASQEGG DVLGARQDCT PPLKSLVATG NLLDLEETAK APLSTVSANT TNMDEVPRPQ ALSGSSVWE LDDGLDEAFS RLAQSRTNPQ VLDTGTLTAQD MHYAQCLSPV DWDKPDSSGT EQDDLFSF
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The LDLRAP1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**