Recombinant Human LDLRAP1 293 Cell Lysate

Cat. No. LDLRAP1-4784HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for low density lipoprotein receptor adaptor protein 1 (LDLRAP1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	LDLRAP1 low density lipoprotein receptor adaptor protein 1 [Homo sapiens]
Official Symbol	LDLRAP1
Synonyms	LDLRAP1; low density lipoprotein receptor adaptor protein 1; low density lipoprotein receptor adapter protein 1; ARH; ARH2; DKFZp586D0624; FHCB1; FHCB2; MGC34705; LDL receptor adaptor protein; autosomal recessive hypercholesterolemia protein; ARH1;
Gene ID	26119
mRNA Refseq	NM_015627
Protein Refseq	NP_056442
MIM	605747
UniProt ID	Q5SW96
Chromosome Location	1p36-p35
Pathway	Chylomicron-mediated lipid transport, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; LDL-mediated lipid transport, organism-specific biosystem; Lipid digestion, mobilization, and transport,

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	organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	AP-2 adaptor complex binding; beta-amyloid binding; clathrin adaptor activity; clathrin binding; low-density lipoprotein particle receptor binding; phosphatidylinositol-4,5-bisphosphate binding; phosphotyrosine binding; protein binding; receptor signaling complex scaffold activity; signaling adaptor activity;

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