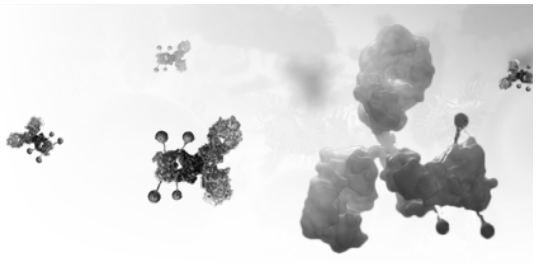

Human LDLRAP1 peptide (DAG-P0187)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a cytosolic protein which contains a phosphotyrosine binding (PTD) domain. The PTD domain has been found to interact with the cytoplasmic tail of the LDL receptor. Mutations in this gene lead to LDL receptor malfunction and cause the disorder autosomal recessive hypercholesterolaemia. [provided by RefSeq, Jul 2008]
Specificity	Expressed at high levels in the kidney, liver, and placenta, with lower levels detectable in brain, heart, muscle, colon, spleen, intestine, lung, and leukocytes.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 PID domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	LDLRAP1 low density lipoprotein receptor adaptor protein 1 [Homo sapiens (human)]
Official Symbol	LDLRAP1
Synonyms	LDLRAP1; low density lipoprotein receptor adaptor protein 1; ARH; ARH1; ARH2; FHCB1; FHCB2; low density lipoprotein receptor adapter protein 1; LDL receptor adaptor protein; autosomal recessive hypercholesterolemia protein;

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Entrez Gene ID	26119
mRNA Refseq	NM_015627.2
Protein Refseq	NP_056442.2
UniProt ID	B3KR97
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, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, 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

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