



Human LRPPRC peptide (DAG-P0769)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a leucine-rich protein that has multiple pentatricopeptide repeats (PPR). The precise role of this protein is unknown but studies suggest it may play a role in cytoskeletal organization, vesicular transport, or in transcriptional regulation of both nuclear and mitochondrial genes. The protein localizes primarily to mitochondria and is predicted to have an N-terminal mitochondrial targeting sequence. Mutations in this gene are associated with the French-Canadian type of Leigh syndrome. [provided by RefSeq, Mar 2012]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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	LRPPRC leucine-rich pentatricopeptide repeat containing [Homo sapiens (human)]
Official Symbol	LRPPRC
Synonyms	LRPPRC; leucine-rich pentatricopeptide repeat containing; LSFC; GP130; LRP130; CLONE-23970; leucine-rich PPR motif-containing protein, mitochondrial; LRP 130; 130 kDa leucine-rich protein; leucine-rich PPR-motif containing; mitochondrial leucine-rich PPR motif-containing protein;
Entrez Gene ID	10128

mRNA Refseq	NM_133259.3
Protein Refseq	NP_573566.2
UniProt ID	E5KNY5
Chromosome Location	2p21
Pathway	TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	RNA binding; NOT actin filament binding; beta-tubulin binding; microtubule binding; poly(A) RNA binding; protein binding; single-stranded DNA binding;