

Recombinant Mouse Lrpprc Protein, Myc/DDK-tagged

Cat. No. Lrpprc-3821M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length leucine-rich PPR-motif containing (cDNA clone MGC:69719 IMAGE:6417407), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May play a role in RNA metabolism in both nuclei and mitochondria. In the nucleus binds to HNRPA1-associated poly(A) mRNAs and is part of nmRNP complexes at late stages of mRNA maturation which are possibly associated with nuclear mRNA export. May bind mature mRNA in the nucleus outer membrane. In mitochondria binds to poly(A) mRNA. Plays a role in translation or stability of mitochondrially encoded cytochrome c oxidase (COX) subunits. May be involved in transcription regulation. Cooperates with PPARGC1A to regulate certain mitochondrially encoded genes and gluconeogenic genes and may regulate docking of PPARGC1A to transcription factors. Seems to be involved in the transcription regulation of the multidrug-related genes MDR1 and MVP. Part of a nuclear factor that binds to the invMED1 element of MDR1 and MVP gene promoters. Binds single-stranded DNA.
Molecular Mass	160.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and

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handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade after receiving vials.

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Lrp130 leucine-rich PPR-motif containing \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Lrp130](#)

Synonyms Lrp130; leucine-rich PPR-motif containing; Lrp; Lsfc; Gp130; C76645; Lrp130; 3110001K13Rik; leucine-rich PPR motif-containing protein, mitochondrial; 130 kDa leucine-rich protein; leucine rich protein LRP130

Gene ID [72416](#)

mRNA Refseq [NM_028233](#)

Protein Refseq [NP_082509](#)

UniProt ID [Q6PB66](#)

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