

Product datasheet for MC224382

Lrp13c (NM_028233) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrp13c (NM_028233) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lrp13c
Synonyms: 3110001K13Rik; C76645; Gp130; Lrp130; Lsfc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224382 representing NM_028233
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGCCCTGCTGAGACCCGCGGTTGGCTGCTCGGGGCCGCGCGGCCCGCGCCTCCCGCTGTCCC
 TGCCTCCCTGCGGGCGTCCCGGGCCGGCTGTCTCCGTCGTCGGGTGCGGGCTGTTGGTAGCCGGCC
 GGCTGCAGGAGAGCGTCTGAGCCAAGCCAGATTGTATGCCATCGTTGCTGAGAAAAGGGATCTTCAAGAG
 GAGCCTGCTCCTGTGAGAAAAGAACAGCAGTCAATTTGACTGGGCTCTGATGAGACTGGATAATTCTGTCC
 GGAGAACAGGCCCATCAAAAGGGCTTCTGCAGAGAGTCTTTGAGAGCACGTGTAGCTCAGGTAGCCC
 AGGGAGCAATCAAGCTCTGCTTCTGCTGCGCAGCTGTGGCTCGCTCCTGCCCGAAGTGAAGTCTCGCCGAG
 AGGACAGAGTTTGTCTACAAGATCTGGGACAACTTCAGCAGTTAGGTGTGATATGATGTGATGATGATGAT
 ACAATGCTTTACTTAAAGTATATCTTCAAAATGAATACAAATTTTACCTACTGACTTCTGGCAAAGAT
 GGAGGGAGCAAACATCCAACCAATCGAGTAACATACCAGAGGCTGATAGCTGCCTACTGTAATGTTGGG
 GACATTGAAGGTGCCAGCAAGATCCTTGGATTTATGAAAACGAAAGACCTCCGATCACAGAGCCCGTGT
 TCAGTGTCTCGTCACAGGGCATGCGAGAGCTGGGGATATGAAAATGCAGAAAATATTCACAGTGAT
 GAAACAGGCCGGCATTGAGCCTGGCCAGACAGTATCTGGCCTTGTGAAATGCACATGCTGAGAGGGGT
 GACATTGGCCAGGTTAGGCAGATTCTGGAGAAAGTGGAGAAGTCAGACCATTACTTCATGGACCCGACT
 TCTTGCAGGTTATTTTTAGCTTCAAGGCTGGCTACCCTCAGTATGTCTCAGAAAATGAGAGAAGAT
 TACCTATGAGAGACGGTCTATTCCAGATGCAATGAACCTCATTTTGTGTTTTAGCCACTGAGAAGTTAGAA
 GACTGCGTTCAGGTTTTATTGGCATTACCCCTGTCCAAGGACGAGAGCTCCGATAACTTTGGCAGTT
 TCTTTTTGCGGCACTGTGTGACTCTGGATTTGCCCTGAGAAGCTGATAGACTACTGTCGGAGGCTGAG
 GGACGCCAAGCTGCACAGCTCCTCACTGCAGTTACGCTGCACTGTGCTCTTCAAGCCAATAGGACAGCT
 TTGGCAAAGCAGTGATGGAGGCTTTGAGGGAAGAAGGGTTTCTATCCGACCGCACTATTTCTGGCCGT
 TGCTTGTGGGCATCAGAAAACAAAAATGTTCAAGGAATAATAGATATCCTCAAAATAATGAACAAAGT
 GGGAGTGGATCCTGATCAGGAAACATATATAAACTATGTGTTTCCGTGCTTTGATAGTGCACAGTCAATT
 CGAGCTGCTTTCAGGAAAATGAATGTCTCCTCGCAAGTAGTACCTTTGCTCAAGCTGAAGTGAAGAATG



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AAGCAATAAATGGGAACCTACAGAACATTTTGTCAATTTTGAATCGAATACATTGCCTTTCTCGTTTGT
 TTCTTTGAGAAACAGCCTAATCCTAGGCTTCAGGAGTTCGATGAACATAGATCTTTGGAGCAAGATAACA
 GAATTGTTGTACAAGGATGAACGCTATTGCTCAAAGCCTCCGGGACCAGCGGAAGCTGTTGGCTATTTTC
 TTTATACTTGATTGACAGCATGAGTGAAGTTCCTGAAAACATCTACAAGGCATTGTAAATTTGCTGAAT
 CCATCAGCTGCAGGAGATGAATGTTAAAGTTCCTGAAAACATCTACAAGGCATTGTAAATTTGCTGAAT
 ACCTACCATGTTCTGAATTGATTAAGGATATTAAGGTTCTGGTTGACAGAGAGAAGGTAGATTCTCAA
 AAACCTTCAAGTTACCTCATCTGATTTGGAATCAACACTTGAGAACTCAAAGCTGAAGGCCAACCTGT
 AGGATCTGCCCTGAAGCAGCTCCTGCTGCTGCTGCTCAGAGGAGAATATGCAAAAGGCCCTTGAGGTG
 AAAGCAAAATATGAGTCAGACATGGTTATTGGTGGCTATGCAGCATTAAATAAATTTGTGCTGCGACATG
 ATAATGCAGAAGATGCGTGAACCTGAAACAAGAAGTTGACCGCTTAGATGCTTCGGCTATTCTTGACAC
 TGCCAAGTACGTAGCCCTGTAAAAGTACTGGGAAAGCACAGCAGACTCCAAGATGCTATTAACATTCTA
 AAGGAGATGAAAGAGAAGGATGTTGTTATCAAAGATGCAACAGTCTTGCCTTTTTCCACATCCTCAATG
 GTGCAGCTTTAAGAGGTGAAATGAAACAGTAAAACAGCTGCATGAAGCCATCGTACTCTGGGTGGC
 AAAGCCGTCCAGCAACATAAGCTTCCCCTGGTCACTGTGCACCTGAAAAGGGTGACTTACCTGCTGCT
 CTTGAAGCCAGCATTGCCTGCCATAAAAAATATAAAGTGTACCCAGGATTCATGATGTCTTATGTAAGC
 TAGTAGAGAAAGGCGAGACTGATTTGATCCAGAAAGCAATGGACTTTGTGAGCCAAGAACAAGGGGAGAT
 GACGATGCTCTACGACCTCTTCTTTGCTTCTGACAGACGGGAATTACAAGAAGCTAAGAAGATCATT
 GAGACTCCAGGCATTAGAGCTCGGCCTACAAGACTCCAGTGGTTTTGTGATCGATGCATTGCCAGTAATC
 AGGTTGAAGCTCTTGAGAAGTTGGTAGAGCTGACTGAGAAGCTGTTTGTGAGTGTGACAGAGACCAGATGTA
 CTAACACTTACTGAAGCTATACAAAATAAGCAGTGAAGTGGCAAAGAGCGGATGCTGCGTGGACAAAATG
 CAAGAAGAGAACATTATCCCTCGAGAGCGGACACTGCGCTCTTAGCCGAGATCTTGAAAACCAGCAACC
 AGGAAGTTCCTTTCGACGTTCCGGAGTTGGTTGGAGATGACAGACCTTCCCTGAGTCCATCCTCAGC
 CTCACAGGAGAGGACGTTACTGAGAAGACGTTGTTGTCTAACTGCAAACTAAAGAAGAGTAAAGATGCA
 TATAATATCTTCTTAAAGCCGAAAAGCAAACGTTGTATTTAGCAGTGAACCTTATAGCACCTTGATAG
 GCTTGCTGCTGAGTAAGGACGACTTACCCAAGCAATGCACGTGAAGGATTTGCTGAGACCCACATCAA
 GGGCTTACACTGAACGATGCTGCCAACAGCCTCCTCATCATAAGGCAAGTTAGGCGGGATTATTTGAAA
 GGGGCTTGCAACTCTGAGAGCAGCCTTGATTTGAAGCAGGTTCCGTCAGATCGCCGTGACCCGCC
 TCATCCAGGCGTTGGCCTTGAAGGGTGTGTGAAAGCATAGAGGCCATTAGAGAAATGGTGGCTGGACT
 TGACACGATTGGACTCTCAAAAATGGTTTTATCAATAACATCGCTTTGGCCAGATGAAGAATAATAAA
 CTTGATGCTGCCATAGAAAACATTGAGCACCTGCTTGTCCGAGAACCAAGCCATAGAACCTCAGTACT
 TTGGCTTGTGCTATCTATTCAGAAAAGTATCGAAGAGCAGATGGAACCCAGCGCTAGAGAAGTTAAGCAT
 CATGCTGAGAGAATGGCGAATCAGTTTCACTTTACAAGCCGCTCACTGATCTATTCTGCAGCTTGTG
 GATTACAGGCAAGGTGGATGAGGCCAGAGCTCTTATAGAGATGCGGTGCCATTGCCGAGCAGAGCTCGC
 TTCTGTGGTGTCTGTCTGAGGACTTCTCAGAAAACGAAAAGGCCAGGTTCTGAAGACTTTGTTAGA
 ACTGATTCCTGAGTTACGTGATAACGATAAAGTATATTCTTGACAGCATGAAAAGCTATGCCTTAGACAAA
 GATGTGGCCTCGGCTAAAGCACTGTATGAGTATTTGACAGCCAAGAACTGAAGCTAGATGACCTGTTTC
 TCAAGCGCTATGCAGCTTGTCTCAAGGATGTGGCGAACCAGTCCCCTTCCCCGAGCCCCCTGAAAGCTT
 GCAATTTTATATAAAGCAACTAAAGGAAGCAAGGGAAAGCCCTTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_028233

Insert Size:

4179 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_028233.2 , NP_082509.2
RefSeq Size:	4638 bp
RefSeq ORF:	4179 bp
Locus ID:	72416
UniProt ID:	Q6PB66
Cytogenetics:	17 E4
Gene Summary:	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 (By similarity). Binds single-stranded DNA. [UniProtKB/Swiss-Prot Function]