

## Product datasheet for TP511908

### Lrprrc (BC059862) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse leucine-rich PPR-motif containing (cDNA clone MGC:69719 IMAGE:6417407), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211908 representing BC059862 Red=Cloning site Green=Tags(s)

MRLDNSVRRTGRITKGLLQRFVFCSSGSPGSNQALLLRSCGSLPELSLAERTEFAHKIWDKLLQQLG  
VYDVSHYNALLKVYLQNEYKFSPTDFLAKMEGANIQPNRVTYQRLIAAYCNVGDIEGASKILGFMKTKD  
LPITEAVFSALVTGHARAGDMENAENILTVMKQAGIEPGPDYTLALLNAHAERGDIGQVRQILEKVEKSD  
HYFMDRDFLQVIFSFSKAGYPQYVSEILEKITYERRSIPDAMNLLIFLATEKLEDTAFQVLLALPLSKDE  
SSDNFGSFFLRHCVTLDLPEKLIIDYCRRLDAKLHSSSLQFTLHLCALQANRTALAKAVMEALREEGFPI  
RPHYFWPLLAGHQKTKNVQGIIDILKIMNKVGVDPDQETYINYVFPFCFDSAQSVRAALQENECLLASSTF  
AQAEVKNEAINGNLQNILSFLESNTLPFSFSSLRNSLILGFRRSMNIDLWSKITELLYKDERYCSKPPGP  
AEAVGYFLYNLIDMSDSEVQAKEERLRQYFHQLQEMNVKVPENIYKGCNLLNTYHVPelikdikvlvd  
REKVDQSQTSQVTSSDLESTLEKLKAEGQPVGSALKQLLLLLCSEENMQKALEVKAKYESDMVIGGYAAL  
INLCCRHDNAEDAWNLIKQEVDRDLASAILDTAKYVALVKVLGKHSRLQDAINILKEMKEKDVIKDATVL  
SFFHILNGAALRGEIETVKQLHEAIVTLGLAKPSSNISFPLVTVHLEKGDLPAALEASIACHKKYKVLPR  
IHDVLCCKLVEKGETDLIQKAMDFVSQEQGEMTMYLDLFFAFLQTGNKYEAKKIETPGIRARPTRLQWFC  
DRCIASNQVEALEKLVLETEKLFECDRDQMYNLLKLYKISSDWQRADAATKMQEENIIPRETRLRLLA  
EILKTSNQVEVPFDVPELWFGDDRPSLSPSSRSAGEDVTEKTLNSCKLKKSKDAYNIFLKAQKQNVVFS  
ETYSTLIGLLLSKDDFTQAMHVKDFAEATHIKGFTLNDAANSLLIIRQVRRDYLGALATLRAALDLKQVP  
SQIAVTRLIQALALKGDVESIEAIQRMVAGLDTIGLSKMFVFINNIALAQMKNNKLDAAIENIEHLLASEN  
QAIEPQYFGLSYLFRKVIIEQMEPALEKLSIMSERMANQFALYKPVTDLFLQLVDSGKVDPEARALLERC  
AIAEQSSLLSVFCLRTSQPKKAPVLKTLLELPELRDNDKVSYSMSYALDKDVASAKALYEYLTAKN  
LKLDLFLKRYAALLKDVGEVPPFPEPPESFAFYIKQLKEARES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	160.3 kDa



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<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Locus ID:</b>	72416
<b>UniProt ID:</b>	<a href="#">Q6PB66</a>
<b>RefSeq Size:</b>	4372
<b>Cytogenetics:</b>	17 E4
<b>RefSeq ORF:</b>	3918
<b>Synonyms:</b>	LSFC, GP130, Lrp130
<b>Summary:</b>	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]