

Product datasheet for **MR210646**

Lrrc41 (NM_153521) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Lrrc41 (NM_153521) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Lrrc41 |
| Synonyms: | AA409966; AW555107; D630045E04Rik; D730026A16Rik; MUF1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR210646 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGCCACGTCCCGGAGGCGGCCAGCGAAGAGCTCGGCCTCGGGCCCCAGCGCTCCCCCGCCC
 TGTTTCGAGCTGTGCGGGCGGGCAGTGAGCGCCATATGGGGTTCTGGAGAGCGGGTGTGGCCCTCCC
 AGGCCAATACTTCAAAGCATCTTACCTCTGCTCAATATATTAATTGGAGAGGATTGAGGAACTGCT
 CTCAAAAAAGGTCTCTACTCAAGCCATCTGGCGCCGACTCTGGGATGAACTGATGAAGACAAGGCCTT
 CCAGTTTGAGAGTGTGACTTGTGGCGAGCCAAGTTTATGGAGGCCTTTTTTCCCATGTTCTACGTGG
 AACCATTTGATGTCTTCTGATAAACGTCTTTGTGATCAGCGCTTCTCACCTCTCTGCACAGCTCCCGT
 CATGTCCGACAGTAACCATCTGCAACATGCTGCAGGGAGCAACTGAGCTAGTGGCAGAGCCCAACCGTA
 GGGTTCTAGAGACCTGGCCAGTTCTCTGCATACCCTCAAGTTCGCCACCTGCTGTTCTCTGATGTGGC
 TGCTCAGCAGTCACTTCGACAGTGTGCATCAGCTCATCCACATGGGGCTGTTAGCCAAGTGTGCTGT
 TACTCCTGGCCTGTGCCGAGTCAAGCCCTTTTCATCCTTATTCTTACCATGAGTGTGGCTTTTGGCAAC
 CAGGCCACAGTAGCTTGCCCTGCCGCTCTGTGGTGAAGCCTCCCAGGCCGGGCCCCATCTAGAGATGA
 AGGGTCTTATTGCTAGGCTCTCGCAGGCTCGGCGTGATGCAGCAGAGCGATGTGCTGCTGCACTAATG
 GCCACCCGGCGGAAGAGTGAAGTCAAGCAGATGCCAGGGCTGTACCTCCCACTCGTGAACACGCCGCA
 GCACACAAGAGAGCCTGGCAATAGGTGGAACAGACTCTAAGTTGTACCTCCAGCCACCTTTATGAGGC
 TTCTGGCACAACAGCCATCTGCTCCAGCTGCAGCCTTGCCCTCTTCCACATCATCAAACGGGCT
 CCAGTAGCTCAGCCTCACAGCCTAAGCCCTTAAAGCGTTTCAAACGAGCTGCAGGAAGAAAGGGCCCC
 GCACCCGTCAGGGGTCTGGTGCAGAGTCTGAAGACCTGTATGACTTTGTTTTTATTGTGGCTGGTGAAG
 GGAGGATGGTGAAGAGATGGAGATTGGGAAGTAGCTTGTGGAGCTCTGGATGGGTCAGATCCCAGCTGT
 TTGGGGCTCCCAGCACTAGAGGCATCCCAGCGATTCCGCAGCATTTCCACCTGGAGCTATTACAGTTC
 CTCTCTCCACGGAGGAGCTCTGACACTGTCCATCTTCTGAGTTCCTGGGTATCACTGGAGAGCCTTAC
 ACTTTCTACAATGGTCTGGGCTCTAATATCTTCCGCTCCTGGACAGCCTACGGGCCCTGTGAGCCAG
 GCTGGATGTGCGCTCCGTGCCCTGCATCTCAGTGACCTTTTCTCACCCTGCCCCATCTGGAATTGACCC
 GTGCCATTGTGCGAGCCTTGCCCTGTTGCGGGTCTGTCTATTCTGTTGACCACCAAGCCAGAGGGA
 CAACCCTGCTGTACCAGAGAATGCTGGGCCCCCTGGACACATAGTTGGGGATGAAGAAATACCAGAAAAC
 TGCCCTCGAGCAGTTGAAATGGGATTTCCACGAGGAGCCAGCCAGCCCCACTGCTCTGCTGTCTCA
 AGGCCTCAGGTTCTCTACAGCAGCTGCTACTGGACAGTGCCACCTTTGCCTCGCCTCAAGATTTTGGGCT
 TGTGTTGCAAACACTCAAAGAACAACCTATCCCTGAAGAGGCTGAGCTTCCATGATATGAATCTTGCA
 GACTGTGAGAGTGAAGTCTTTTTTTGCTAAAGAATCTGACCCTTCAAGAGATTACCTTCTCCTTCTGCC
 GTCTGTTTGAGAAGCGCCAGTCCAATTTCTTCTGAGATGGTTGCTGCTATGAAGGGCAACTCTACACT
 GAAGGGCCTTCGACTACCAGGGAACCGCTGGGGAACGCTGGCCTATTAGCCCTAGCAGATGTTTTCTCA
 GAGGATTTCTCTTCTCTCTGTCAGCTGGACATCAGTTCCAAGTGCATCAAGCCAGATGGGCTTTTGG
 AGTTTGCCAAACGACTGGAGCGCTGGGGCCGAGGAGCCTTTGGTACCTACGCTCTTCCAGAAGTGGCT
 GGACCAGGATGCAGTACAGCAAGAGAAGCAATCCGGCGACTCCGGGCTACCTGCCACGTGGTTAGCGAC
 TCATGGGACTCAACCCAGGCCTTTGCAGATTATGTCAGCACCATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR210646 protein sequence
 Red=Cloning site Green=Tags(s)

```

MEATSREAAPAKSSASGPSAPPALFELCGRAVSAHMGVLESGVWALPGPILQSIPLLNIIYLERIEETA
LKKGLSTQAIWRRLWDELMKTRPSSLESVTCWRAKFMEAFFSHVLRGTIDVSSDKRLCDQRFSPLLHSSR
HVRQLTICNMLQGATELVAEPNRRVLETLASSLHTLKFRHLLFSDVAAQQLRQLLHQLIHHGAVSQVSL
YSWVPESALFILILTMSAGFWQPGGSLPCRLCGEASRGRAPSRDEGSLLLGSRRPRRDAERCAAALM
ATRRKSEVKQMPRAVPPTRVTRRSTQESLAIGGTDSKLYLPATSYEASGTKQPSAPAAASASSSTSSKRA
PASSASQPKPLKRFKRAAGKKGPRTRQGS GAESDLYDFVIVAGEKEDGEEMEIGEVACGALDGS DPSC
LGLPALEASQFRFSISTLELFTVPLSTEAAALTLCHLLSSWVSLESLTLYNGLGSNIFRLLDSLRLSGQ
AGCRLRALHLSDF SPLILEL TRAIVRALPLLRVL SIRVDHPSQRDNPAVPENAGPPGHIVGDEEIPEN
CLEQLEMGFPRGAQPAPLLCSVLKASGSLQQLSLDSATFASPQDFGLVLQTLKEHNL SLKRLSFHDMNLA
DCQSEVLFLLKNLTLQEITFSFCRLF EKRPVQFLPEMVAAMKGNSTLKGLR LPGNRLGNAGLLALADVFS
EDSSSSLCQLDISSNCIKPDGLLEFAKRLERWGRGAFGHLRLFQNWLDQDAVTAREAIRRLRATCHVVSD
SWDSTQAFADYVSTM
  
```

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Reconstitution Method:

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_153521.1](#), [NP_705741.2](#)

RefSeq Size: 2883 bp

RefSeq ORF: 2424 bp

Locus ID: 230654

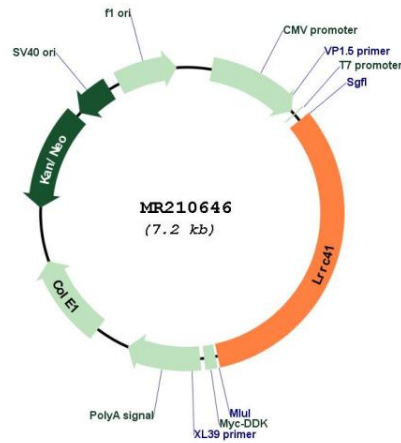
UniProt ID: [Q8K1C9](#)

Cytogenetics: 4 D1

MW: 85.8 kDa

Gene Summary: Probable substrate recognition component of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210646