

Product datasheet for MR206001

Lrrc40 (BC002279) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc40 (BC002279) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc40
Synonyms:	2610040E16Rik; AI837674
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206001 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAGATTAAAGCACTTGGATTGTGATGCCAATCTCCTGGAGACTGTGCCTCCTGATGTGGGTAGCA
TGGAACTACTGGAATTGCTTTATTTGCGGAGGAATAAATTGCGTGTCTACCTGAATTCCTTCTGTAG
GCAGCTAAAGGAATTACACCTAGCTGAAAACCAGATAGAGAAGTTAGGGGCAGAGCATCTTCAGCACCTG
CAGGCCATCCTTGTCTGGATCTAAGGGCAATAAGCTGCGGTCTGTCCCTGAGGAAATGGCCCTGCTGC
AGTCTTTGGAAAGGCTTGACCTGAGCAACAATGATATTAGTAGTCTGCCCTGCTCATTGGGAAATCTTCA
TTTGAAATTCCTGGCACTAGAAGGAAATCCTCTAAGAACCATTGGAAGAGAAATTATAGCTAAAGGAACT
CAAGAAGTTCTAAAATACCTGCGCAGCAAGATCAAAGATGATAGAACCAATCAAAATGATTCTGTTCCTG
AGACTGCCATGACACTACCAAGTGAAGCCAGAGTCAATATCCATGCCATAGCCACACTAAAGCTGTAGA
TTATAGTGATAAACAAGCAACCTTGATTCTGTGACCTATTTGATGCCACAAAAACGACCTCATCACT
TCCATCAACTTCAGCAAAAAATCAGCTGTGCGAGATTCCACAAAGGATTGTTGAGCTGAAGGAAATGGTGT
TGGATATCAACCTCAGTTTTAACAGCTTTTATTTATATCCCACGAGTTATGCTTGCTTCAGAAATTGAC
ATTTTTAGATTTAAGGAATAATTTTTAAGTTCTTTGCCTGAAGAGATGCATCACTGACAAAACCTGCAA
ACGATCAATCTTTCCCTTAAACAGTTCAAAGTGTTCCTGAAGTTCTGTATCGAATCTCCACTGGAAG
CGTTCTGATCAGTAACAATCAGGTGGCTCTGTGGACCCTCAGAAGATGAAGCTGATGGAAATCTGAA
TACTTTAGACCTTCAAAAACATGACCTTTTGCAGATTCCCCCAGAGCTTGGGAACTGTGTGCAGCTACGG
ACACTACTGCTAGATGGAATCCATTCCGAGTTCCTCGAGCGCCATATTAATGAAAGGCACAGCTGCTG
TGCTGGAGTATTTGAGAGATCGAATCCCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

Protein Sequence: >MR206001 protein sequence
Red=Cloning site Green=Tags(s)

MKRLKHLDCDANLLETVPPDVGSMESELLYLRRNKLRLVPEFPSCRQLKELHLAENQIEKLGAEHLQHL
 QAILVLDLRGNKLRVPEEMALLQSLERLDLNNDISSLP CSLGNLHLKFLALEGNPLRTIRREIIAKGT
 QEVLKYLRSKIKDDRTNQNDSPETAMTLPSEARVNIHAIATLKLLDYSKQATLIPDDLFDATKTTLIT
 SINFSKNQLCEIPQRIVELKEMVLDINLSFNKLSFISHLCLLQKLTFLDLRNNFLSSLPEEMSSLTKLQ
 TINLSFNRFKVFPEVLYRISTLEAVLISNNQVGSVDPPQMKLMENLNTLDLQNNDLLQIPPELGNCVQLR
 TLLLDGNPFRVPRAAILMKGTAAVLEYLRDRIPA

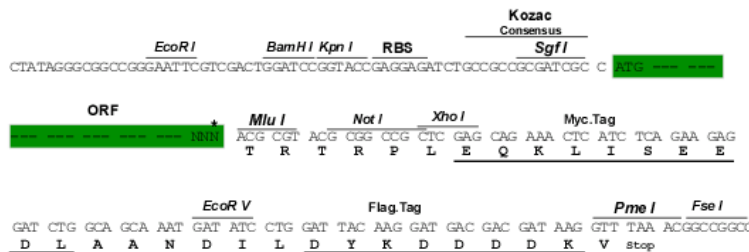
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC002279

ORF Size: 1152 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC002279](#), [AAH02279](#)

RefSeq Size: 2129 bp

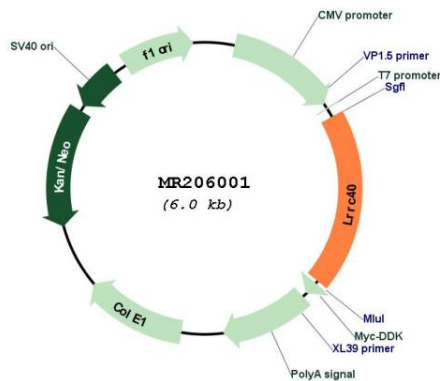
RefSeq ORF: 1154 bp

Locus ID: 67144

Cytogenetics: 3 H4

MW: 43.7 kDa

Product images:



Circular map for MR206001