

Product datasheet for **MG208399**

Lrrc1 (BC087542) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc1 (BC087542) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lrrc1
Synonyms:	A430093J20Rik; AU016091; D030059I21; mKIAA4018
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208399 representing BC087542
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTTCCACTGCATTCCCCTGTGGCGGTGCAACCGTCATGTGGAGGCCATCGACAAGCGCCACTGCTCGC
 TGGTCTACGTCCCGAGGAGATCTACCGCTATGCCCGCAGCCTGGAGGAGCTGCTGCTGGACGCCAACCA
 GCTCCGGGAGCTCCCGAGCAATTTTCCAGCTAGTCAAATTACGGAAGCTTGGGCTCAGTGATAATGAA
 ATTCAGCGGCTCCCTCCAGAAATAGCAAATTCATGCAGCTCGTGAACCTGACGTGTCCCGGAATGATA
 TACCTGAAATTCAGAAAGCATCGCCTTCTGTAAGCGCTGCAGGTAGCTGACTTCAGCGGAAACCCACT
 CACCAGGTTGCCTGAGAGCTTCTGAACTACAGAACTTAACGTGTCTTCTGTAATGACATCTCGCTG
 CAGTCTCTGCCAGAGAATATTGAAATCTCTATAACCTGGCTTCACTGGAAGTGAAGAGAATCTTCTTA
 CATATCTTCTGACTCTTTACCAACTAAGGAGACTAGAAGAACTTGATTTAGGAAACAATGAAATCTA
 CAATTTGCCAGAATCAATTGGGGCACTCTACATCTGAAGGATCTCTGGTTGGATGGAAATCAGCTGTCT
 GAATTACCTCAGGAAATCGGCAATCTGAAGAACCTCTCTGCCTAGATGTCTCTGAAAACAGGCTGGAGA
 GACTTCCTGAAGAGATCAGCGGCTGACTTCTTTGACATACTTAGTCATTTCCCGAACTTGCTAGAAAC
 AATTCTGAGGGCATTGGAAAATAAGAAAGCTGTCAATCTTGAAGTTGGATCAGAACAGACTCACACAG
 TTGCCCGAAGCAATTGGGGATTGTGAAATCTCACGGAGTTAGTCTTACAGAAAACCGGCTCTGACTT
 TACCTAAGAGCATTGGAAAATAAGAAAGTTGAGCAACTTGAATGCAGACAGGAATAAATTAGTGTCATT
 GCCAAAAGAGATTGGCGGTGCTGCAGCCTCACCATGTTCTGCATCCGGGACAACAGACTGACTCGGTTA
 CCTGCAGAGGTGTCACAGGCCGTGGAACCTCATGTCTCGACGTGGCAGGGAACAGGTTACATCATCTGC
 CCTTATCGCTGACCACCCTGAAGTTGAAGGCCCTGTGGTTATCTGACAACAGTCGCAGCCTCTCCTCAC
 GTTCCAGACAGACATAGACCGCGCCACCGGGGAGAAGATTTAACTGTGTCTTACTTCTCAGATGCCT
 TCTGAACCTATCTGCAAGAGAGCCTGCCGCGTTGCGGTGCCCTGGAGAGTCTGGTAACTGACATGTCTG
 AGGAAGCTGGAATGACCGCTCGGTCCACAGAGTTAGTGAATCCGGTTTTTGAAGACGAGAAGGACGA
 AGATGAAAACGAAACGAGAACACTTCAGAGGCGAGCCACTCCACACCCAGGGGAATTAAGAACATGAAA
 AAGACGGTGGAGAATTTACGGAACGACATGAATGCCGCCAAGGACTGGATTCAAACAAAACGAGGTCA
 ACCACGCCGCTGAGCGCGTGACCACGTCGGTG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

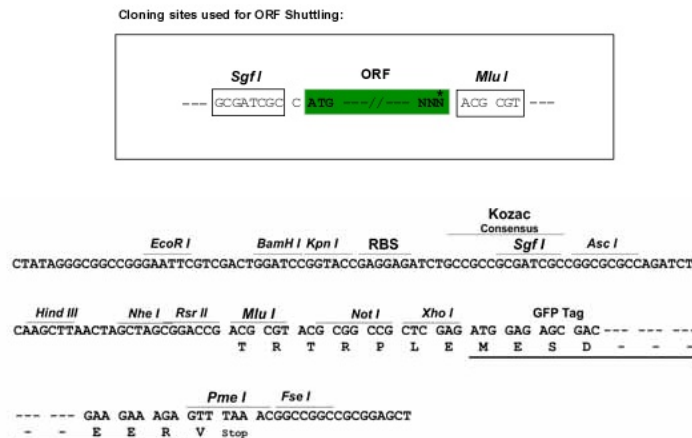
>MG208399 representing BC087542
 Red=Cloning site Green=Tags(s)

MFHCIPLWRCNRHVEAIDKRHCSLVYVPEEIYRYARSLEELLDDANQLRELPEQFFQLVKLRKLGSDNE
 IQRLPPEIANFMQLVELDVSRNDIPEIPESIAFCKALQVADFSGNPLTRLPESEFPELQNLTCVNDISL
 QSLPENIGNLYNLASLELRENLLTYLPDSLTQLRRLEELDLGNNEIYNLPESIGALLHLKDLWLDGNQLS
 ELPQEIGNLKNLLCLDVSENRLERLPEEISGLTSLTYLVISQNLLETIPEGIGLKKLSILKLDQNLRTQ
 LPEAIGDCENLTENVLTENRLLTLPKSIGLKKLSNLNADRNKLVSLPKEIGGCCSLTMFCIRDNRTRL
 PAEVSQAVELHVLVDVAGNRLHHLPLSLTTLKLKALWLDNQSQPLLTFQTDIDRATGEKILTCVLLPQMP
 SEPICQESLPRCGALESVTDMSSEAWNDRSVHRVSAIRFLEDEKDEDENETRTLQRRATPHPGELKNMK
 KTVENLRNDMNAAGLDLSDNKNVNHAAERVTTSV

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC087542

ORF Size: 1572 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: [BC087542](#), [AAH87542](#)

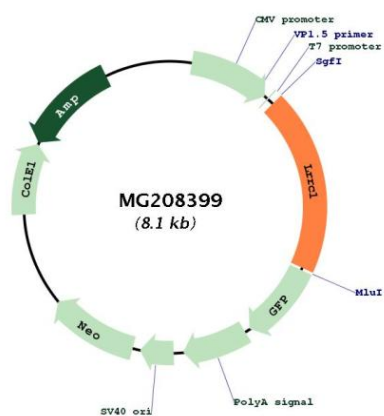
RefSeq Size: 2978 bp

RefSeq ORF: 1574 bp

Locus ID: 214345

Cytogenetics: 9 D

Product images:



Circular map for MG208399