

Product datasheet for **RG224832**

LRRC43 (NM_001098519) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC43 (NM_001098519) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LRRC43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

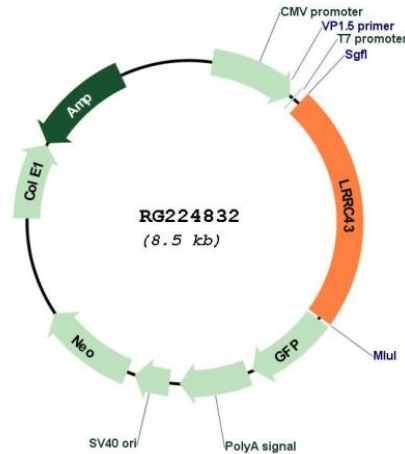
>RG224832 representing NM_001098519
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCGTCGTACGAGTCCGAGTCCGAGTCTGAGGCCGGCCTGGGACTCAGCGGCCGGGA
 CCGGGACCGTGAGCGCGCCGTGCGCGAGCACTTGCAGAAAGCTGTGTCTGCGCGAGTCCCGTGCGGTGC
 CCGCAGCTGGAATAAGTCGCGCTTTCTTCTCAAACCTTGGCAACTTGGAGGGAGCTTGCCCCAGAGAG
 GAGGATGTGGTGAAGCCCGGAGAGGAGACGGTGGAGGCCCTGCTGGGCCTGGTCCGACGCCCACTCCC
 CCTGGGCTCTGTGAACAACCTCGAATGCAGAAGACAGTTTCTGAGAGAATTGGCCATCCGGAACCCGCT
 GACGATCACAGACACCTTCTTACTCCTACTTCCGGTCCCTGCGGGTAATAGACAAGAAGGTCACCCTG
 GTGGATAAAGACCTCCTGAAATTTCTAAAGCTGGAGGAGTTGGTACTGAGCGCAATCGAATCAAGGAGG
 TGGATGCCACCAATCTGCCCCCACACTCAAGGTGCTGGAGCTTACGGCAATGAGATCAGCAGCATGGA
 GTGCTGTGTGCCACCCACCCCGGGCCTGCAGCACTTGGGGTTAGGCCACAACAACTTCTAGGCCCC
 TTGGAAAGTCTCTACGTACCGCTAATCACTGGCCCAACCTCGTCTCCCTGGACCTGGGCTTCAACGACC
 TGACAGACCTGCAGAGCATGGTACCAGCCTGAGGACCCTCCGGCACCTGCGACTCCTGGTGTGTCAGGG
 AAACCCACTGGCCTTGGTGCCTACTACCGCGCCTCACCATCGACAGCCTGGCCAGCTCTGCGTGTG
 GACGACATCACCGTGTCTCCCAATGAGAAGCATCTTCCGGGGGCTCAGCCTCAATGGCGATCTTTGG
 CACAGGAGGCGCAGTTTGTGGTGACCATCGAAACATCAGAGGAGTCTGGACACCTCTGTCTTAGACCC
 GGAACCCAGGCCGAAGGCCCTTTCATCACTTACAACATTTACGTGACCTATGATTTTGTAAAGATGAA
 GAAGGCGAAATGAATGAGTCCGCGGGCCTCCTGGCCGAGATCGTCAAGCCCTCTCCAGCTTAGAATTAT
 TAGTTGAGGAATCTCTGAAGAGGTCTGGAAGACGTCATCGAAGACATTGTTGAAGAGTTACTGAAGA
 GGTGGAAGGGTCTCTGGAGTCTGAGGTGGAGGAGTCAGGAGAGTCGGAGCTGTCTGTCTCTCGGGCCT
 TCGACCATCTTGCAGATGCCGAGGGCCTCTGCAGAAGAGCTGGCCAAGTTGAGGCTGCGTATAGATCCCC
 GGCTCTGCCCGTCCCAGGGACTGTCTCTTCCAGCACTGCCACAAGCCCTGGGCTGAGGTCATCCCTG
 CAGTTACGAGATGCAGCACTCTCTCAGGGACCTGGTCCCACTGAAGGCCTTCTGCTGGCGGGACCACC
 GTGACCATCGTGGAGGAGAAGATTCTCTCCTGGCCTGTGGTGTACCTGCTGTTGACAGTCCCCTGTCTG
 CCAAGAAAGGAAAGGGGAGAAAGACAAGAAAGGGAAGGAGAAAGACAGGACGGGAAAGGAGAGAAAGA
 GCCGCCAAGGAGTGAAGGTGCTGAAGAAGAAGAAAGAGCCGCCAAGGAGCTCCGGCAGGACCCCCC
 ATCTCCAGGTGCTGGGCCGGGCTGGTATCCTGGAGCCCCTGCTCGCCGGGAGCCCTGGTGTCCA
 CCGTGTGCAACTTCGGCGTGGTCCGCACATTGACATCTGACAGGCTGACGTTGGCCAGGGATTCAAAGAA
 GATTAAGAAAGTTGCCAAAAAGAAAAGCCGAAAGCCGTATTCCGATCTACGAAGGCGATTACCACCT
 GAGCCCCGACCGTAGAGGTGCAGATCCAGCTGAACCAAGTCCCGCTCGGCGGAGGAGGCTCTGCGCATGT
 TCGCCGTG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Plasmid Map:



ACCN: NM_001098519

ORF Size: 1968 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.

RefSeq: NM_001098519.2
RefSeq Size: 2045 bp
RefSeq ORF: 1971 bp
Locus ID: 254050
UniProt ID: Q8N309
Cytogenetics: 12q24.31