

Product datasheet for **RG213857**

LRRC43 (NM_152759) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC43 (NM_152759) 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:

>RG213857 representing NM_152759
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTGTCTGTGTGCCACCCACCCGCCGCCCTGCAGCACTTGGGGTTAGGCCACAACAACTTCTAG
 GCCCTTGGAAAGTCTCTACGTACCGCTAATCACTGGCCCAACCTCGTCTCCCTGGACCTGGGCTTCAA
 CGACCTGACAGACCTGCAGAGCATGGTACCAGCCTGAGGACCCTCCGGCACCTGCGACTCCTGGTGTG
 CAGGAAACCCACTGGCCTTGGTGCCCTACTACCGCGGCCTACCATCGACAGCCTGGCCAGCTGTGCG
 TGCTGGACGACATCACCGTGTCTCCAATGAGAAGCATCTCTCCGGGGGCTCAGCCTCAATGGCGATCT
 CTTGGCACAGGAGGCGAGTTTGTGGTACCATCGAAACATCAGAGGAGTCCTGGACACCTCTGTCTTA
 GACCCGGAACCCAGGCCGAAGGCCCTTTCATCACTTACAACATTTACGTGACCTATGATTTTGTGAAAG
 ATGAAGAAGGCGAAATGAATGAGTCCGCGGGCGTCTGGCCGAGATCGTCAAGCCCTCTCCAGCTTAGA
 ATTATTAGTTGAGGAATCTCCTGAAGAGTCTGGAAGACGTCATCGAAGACATTGTTGAAGAGGTTACT
 GAAGAGGTGGAAGGCTCTGGAGTCTGAGGTGGAGGAGTCAGGAGAGTCGGAGCTGTCTGTCATCTCGG
 GGCTTCGACCATCTTGACAGATGCCGAGGGCTCTGCAGAAGAGCTGGCCAAGTTGAGGCTGCGTATAGA
 TCCCCGGCTCTGCCCGTCCCAGGGACTGTCTCTCAGCACTGCCACAAGCCCTGGGCTGAGGTCATC
 CCCTGCAGTTACGAGATGCAGCACTCTCTCAGGACCTGGTCCCCTGAAGGCCCTTCTGCTGGCGGGGA
 CCACCGTGACCATCGTGGAGGAGAAGATTCTCTCTGGCCTGTGGTGCTACCTGCTGTTGACAGTCCCCT
 GTCTGCCAAGAAAGGAAAGGGGGAGAAAGACAAGAAAGGAAAGGAGAAAGACAGGACGGGGAAAGGAGAG
 AAAGAGCCGCCAAGGAGTGAAGGTGCTGAAGAAGAAGAAAGAGCCGCCAAGGAGCTCCGGCAGGACC
 CCCCCATCCTCCAGGTGCTGGCCGGGGCCTGGTGATCCTGGAGCCCCTGCTCGCCGGGGAGCCCCTGGT
 GTCCACCGTGTGCAACTTCGGCGTGGTCCGCACATTGACATCTGACAGGCTGACGTTGGCCAGGGATTCA
 AAGAAGATTAAGAAAGTTGCCAAAAAGAAAAGCCGAAAGCCGTATTCCGATCTACGAAGCGATTACC
 ACCCTGAGCCCCTGACCGTAGAGGTGCAGATCCAGCTGAACCAGTGCCGCTCGGCGGAGGAGGCTCTGCG
 CATGTTCCCGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG213857 representing NM_152759
 Red=Cloning site Green=Tags(s)

MECLCAHPPAGLQHLGLGHNKLLGPLESlyvtanHwPnlVSLDLGFNDLTDLQSMVtSLRtLRHLRLLVL
 QGNPLALVPYRGLTIDSLAQLCVLDDITVSPNEKHLFRGLSLNGDLLAQEAFVVTIGNIRGLDTSVL
 DPEPRPEGPFITYNYYVYDFVKDEEGEMNESAGVLAELVKPSPSELLVEESPEEVVEDVIEDIVEEVT
 EEVEGSLESEVEESGESELSVISGPSTILQMPRASAEELAKLRLRIDPRLCPSPGTVLFSTAHKPWAEVI
 PCSYEMQHSLRDLVPLKAFLLAGTTVTIVEEKILSWPVVLPVDSPLSAKKGKGEKDKKGEKDRGTGKGE
 KEPAKWKVKKKKKEPKELRQPPILQVLRGLVILEPLLAGEPLVSTVCFNFGVVRTLTSDRLTLARDS
 KKIkkVakkeKpkaVIPIYEGDYHPEPLTVEVQIQLNQCRSAEEALRMFAV

TRTRPLE - GFP Tag - V

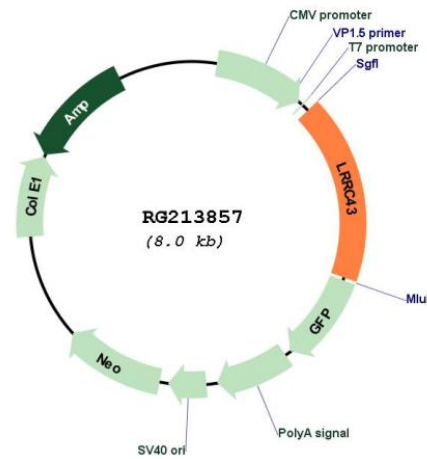
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_152759

ORF Size: 1413 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_152759.4](#), [NP_689972.3](#)

RefSeq Size: 1934 bp

RefSeq ORF: 1416 bp

Locus ID: 254050

UniProt ID: [Q8N309](#)

Cytogenetics: 12q24.31

Domains: LRR