

## Product datasheet for **RG239483**

### **LRR37A3 (NM\_001303255) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	LRR37A3 (NM_001303255) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LRR37A3
Synonyms:	LRR37; LRR37A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG239483 representing NM\_001303255.  
 Blue=ORF Red=Cloning site Green=Tag(s)

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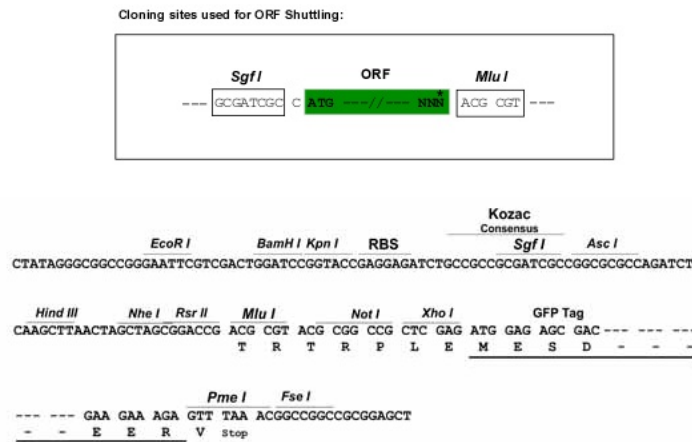
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TCAAGGGACAGCGAAGCCCAACGAGGAGGAGAGTGAAGCCCTGCCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
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**Protein Sequence:** >Peptide sequence encoded by RG239483  
 Blue=ORF Red=Cloning site Green=Tag(s)

MEFH<sup>Blue</sup>RVAQAGV<sup>Blue</sup>ELLSSGDPPASASQSVGIIGVSHCTWHRNFQGN<sup>Blue</sup>YSYIDGNVWKAYSWTEKLI<sup>Blue</sup>RENN  
 LTELHKDSFEGLLSLQYLILNHNPLTTVEDPYL<sup>Blue</sup>FKLPALKYLDMGTTLVPLTTLKNILMMTVELEKLI<sup>Blue</sup>V  
 PSHMACCLCQFKNSIEAVCKTVKLHCNSACL<sup>Blue</sup>TNTTHCPEEASVGNPEGAFMKVLQARKNYSTELIEP  
 EEPDSSGINLSGFGEQLD<sup>Blue</sup>NDESDVTSTLSYILPYFSAVNLDVKSLLLPFIKLPTTGNSLAKIQTVG  
 KNRQRLNRVLMGPRSIQKRHFKEVGRQSI<sup>Blue</sup>RREQGAQASVENTAEKRLGSPAPRELKQPHTQQGPEKLA  
 GNAVYTKPSFTQE<sup>Blue</sup>HKA<sup>Blue</sup>AVSVL<sup>Blue</sup>KPF<sup>Blue</sup>SKGAP<sup>Blue</sup>STSSPAKALPQVRDRWKDLTHAISILES<sup>Blue</sup>AKARV<sup>Blue</sup>TNMKTSK  
 PIVHSRKKYRFHKTRSRMTHRTPKVKKSPKVRK<sup>Blue</sup>SYLSRLMLSNR<sup>Blue</sup>LPFSAKSLINSPSQGAFSSLRDL  
 SPQENPFLEVSAPSEHF<sup>Blue</sup>IENNTKDTTARNAFEENVFMENTNMPEGTISENTN<sup>Blue</sup>YNHPPEADSAGTAFNL  
 GPTVKQTETKWEYNNVGTDL<sup>Blue</sup>SPEPKSFNYLLSSPGDQFEIQLTQQLQSVIPNNVRR<sup>Blue</sup>LIAHVIRTLKM  
 DCSGAHVQVTCAKLVSRTGHLMKLLSGQ<sup>Blue</sup>QEVKASKIEWD<sup>Blue</sup>TQWK<sup>Blue</sup>TENYIN<sup>Blue</sup>ESTEAQSEQEK<sup>Blue</sup>SLEF<sup>Blue</sup>TK  
 LPGYGYTKKLILALIVTGIL<sup>Blue</sup>TIL<sup>Blue</sup>IILLCLIEIC<sup>Blue</sup>CHRRSLQE<sup>Blue</sup>DEEGFSRDSEAPTEEESEALP  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV  
 MGYGFYHFGTYP<sup>Green</sup>SGYENPFLHAINNGGYTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNATVEHLHPMGDNDLGSFTRTFLRDGGYSSVVD<sup>Green</sup>SHMHFKA<sup>Green</sup>AIHPSILQNGGPMFA  
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**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001303255

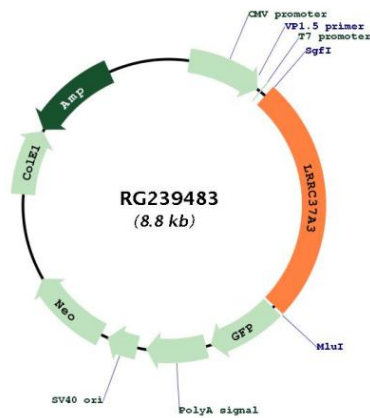
**ORF Size:** 2256 bp

**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.

<b>Components:</b>	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).
<b>RefSeq:</b>	<u>NM_001303255.2</u>
<b>RefSeq Size:</b>	2601 bp
<b>RefSeq ORF:</b>	2259 bp
<b>Locus ID:</b>	374819
<b>Cytogenetics:</b>	17q24.1
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	84.6 kDa

**Product images:**



Circular map for RG239483