

## Product datasheet for **MG215407**

### Lilra6 (NM\_011090) Mouse Tagged ORF Clone

#### Product data:

|                                  |                         |
|----------------------------------|-------------------------|
| <b>Product Type:</b>             | Expression Plasmids     |
| <b>Tag:</b>                      | TurboGFP                |
| <b>Symbol:</b>                   | Lilra6                  |
| <b>Synonyms:</b>                 | 7M1; Pira3              |
| <b>Mammalian Cell Selection:</b> | Neomycin                |
| <b>Vector:</b>                   | pCMV6-AC-GFP (PS100010) |
| <b>E. coli Selection:</b>        | Ampicillin (100 ug/mL)  |



**ORF Nucleotide Sequence:** >MG215407 representing NM\_011090  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTCCTGCACCTTACAGCCCTGCTCTGTCTTGGACTGACTCTGAGGCTCTGGATCCCAGTGCTGACAG  
 GGTCCTCCCTAAGCCTATCCTCAGAGTACAGCCAGACTCTGTGGTCCAAGTGTGGACTAAGGTGACCTT  
 CTTGTGTGAAGAGACAATTGGAGCCAATGAGTACCGCCTCTATAAAGATGGAAGCTATATAAAACCGTA  
 ACAAAGAACAACAGAAGCCAGCAACAAGGCTGAATTCATTCTCAAATGTACACCTGAGAAATGCAG  
 GTCAATATCGATGTTCTACAACACCCAGGATGAATCATCAGGCTACAGTGACCCCTGGTGTAGTAGT  
 GACAGGACACTACTGGACACCCAGCCTTTCAGCCAGGCCAGCCCTGTGGTAACTTCAGGAGGGTATGTC  
 ACTCTCCAGTGTGAGTCTTCGACAGACTATCACAGTTTCACTTTAACTGTAGAAGGACAGCAGAAGTCT  
 CATGGACACAAGACTCACAGTATAACATCTCTACAGGGAAGTACCACGCCCTGTTCTCTGTGGGCCCTGT  
 GACCCCAACAGAGATGGATATGCAGATGCTACAGTTATGACAGGAACAGACCATATGTGTGGTACCT  
 CCAAGTGAATCCGTGGAGCTCCTGGTCTCAGGTAATCTCAAAAAACCACCATCAAAGCTGAACAGGCT  
 CTGTGATCGCCTCAAGAGAGCAATGACCATCTGGTGTGAGGGAACTGGATGCAGAAGTATATTTTCT  
 GCATAATGAGAGAAGCCAAAAACACAGAGCACACAGCCCTACAGGAGCCTGGGAACAAGGGCAAGTTC  
 TTCATCCCTTCTGTGAGACGACAACATGCAGGGCAATATCGCTGTATTGTTACAGCTCAGCTGGTTGGT  
 CACAGCCAGTGACACCCCTGGAGCTGGTGGTGACAGGAATCTATGAACACTATGAACCCAGGCTCTCAGC  
 ACTGCCAGCCCTGTGGTGACAGCAGGAGGAAGATGACACTCCACTGTGCCTCACATGGTCACTATGAT  
 AAATTCATTCTACCAAGGAAGATAAGAAATTCACCAGCTCACAGGACACAGAGCATATATCTTCTAGTA  
 GACAGTACAGACCCTGTTTATTATAGGACCCACAACCCCAACCCATACAGGGCATTGAGATGTTATGG  
 TTAACAAGAAATACCCCACTACTGTGGTCAAGTACCTAGTGTCTCCAACAAATACTCATCTCAGGGCTG  
 TCCAAGAAGCCCTCTCTGCTGACTACCAAGGCCATATCCTGGACCTGGAAATGACCCTCACCTGCAGT  
 GTTACTCTGACATCAACTATGACAGATTTGCTCTGCACAAGGTGGGGGAGCTGACATCATGCAGCACTC  
 TAGCCAGCAGACTGACTGGCTTCTCTGTGGCCAACCTCACACTGGCTATGTGAGTAGCTACTGGA  
 GGCCAATACAGATGCTATGGTGACACACAACCTCTCCTCTGAGTGGTCCAGCTCCAGTGACCCCTGGACA  
 TCCTGATCTCAGGACAGCTCCCTCTCACTCCTCCCTCTCAGTGCAGCCTAACACACAGTGCAGTCAAG  
 AGAGACCGTGAGCCTGCTGTGTTGGTCAATGGACTCTGTGGATACTTTCATTCTGTCCAAGGAGGGATCA  
 GCCCAGCAACCCCTGCGACTAAAATCAAAGTCCCATGATCAGCAGTCCCAGGCAGAATTCTCCATGAGTG  
 CTGTGACCTCCCATCTCTCAGGCACCTACAGGTGCTATGGTGTCAAGACTCATCTTTCTACCTCTGTG  
 ATCTGCCAGTGGCCCTGTGGAGCTCACAGTCTCAGCCACAGAGAACCAGGATCACACAACGGAGAATCTG  
 ATCAGGATGGGGATGGCAGTCGTGGTCTCATCGTCTTTCGATTCTAGCCACTGAGGCTTGGCAAAGCC  
 ATAGACAGACCCACCCTGCAGCTGAAAC

ACGCGTACGCGGCCCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG215407 representing NM\_011090  
 Red=Cloning site Green=Tags(s)

MSCTFTALLCLGLTLRLWIPVLTGSLPKPILRVQPDVSVVQVWTKVFLCEETIGANEYRLYKDGKLYKTV  
 TKNKQKPAKAEFSFNVHLRNAGQYRCSYNTQDESSGYSPLVLVVTGHYWTPSLSAQASPVVTSGGYV  
 TLQCESSQSYHRFILTVEGQQKVSQWQDSQYNIISTGKYHALFSVGPVTPNQRWICRCYSYDRNRPVWSP  
 PSESVELLVSGNLQKTTIKAEPGSVIAASKRAMTIWCQGNLDAEVYFLHNERSQKTQSTQTLQEPGNKGF  
 FIPSVRRQHAGQYRCYCYSSAGWSQPSDLELVVTGIYEHYEPRLSALPSPVVTAGGKMTLHCASHGHYD  
 KFILTKEKKTSSQDTEHISSSRQYRALFIIGPTTPTHTGAFRCYGYKNTPLLSVPSALQQILISGL  
 SKKPSLLTHQGHILDPMGMLTLQCYSDINYDRFALHKVGGADIMQHSSQQTDTGFSVANFTLGYVSSYTG  
 GQYRCYGAHNLSEWSASSDPLDILISGQLPLTPSLSVQPNHTVHSGETVSLLCWSMDSVDTFILSKES  
 AQQPLRLKSKSHDQSQAEFSMSAVTSHLSGTYRCYGAQDSSFYLLSSASAPVELTVSATENQDHTTENL  
 IRMGMAVVVLIIVLSILATEAWQSHRQTHPAAGN

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_011090

**ORF Size:** 1989 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.

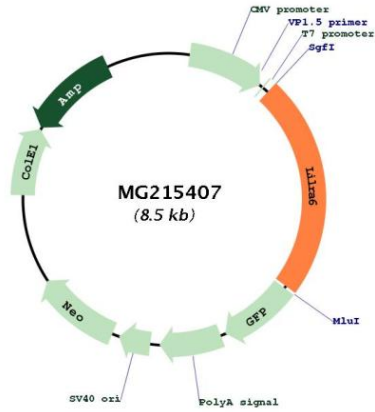
**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_011090.2](#), [NP\\_035220.2](#)

**RefSeq Size:** 2424 bp

RefSeq ORF: 1992 bp  
 Locus ID: 18726  
 Cytogenetics: 7 A1

**Product images:**



Circular map for MG215407