

## Product datasheet for **RG237244**

### LYSMD4 (NM\_001284419) Human Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | LYSMD4 (NM_001284419) Human Tagged ORF Clone                                   |
| Tag:                      | TurboGFP   |
| Symbol:                   | LYSMD4   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-AC-GFP (PS100010)  |
| E. coli Selection:        | Ampicillin (100 ug/mL)   |
| ORF Nucleotide Sequence:  | >RG237244 representing NM_001284419.<br>Blue=ORF Red=Cloning site Green=Tag(s) |

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCAGTGGGGACTCGGGGACTCTTCTGAAGAAGAGTCTCACCGTGTGGTTTTGCGGCCCGGGGCA
AGGAGCGCCACAAGAGCGGTGTCCACCAGCCTCCCCAGGCGGGAGCAGGTGACGTGGTGTGCTGCAGC
GGGAGCTGGCCAGGAGGACAGCCTCAACAAGCTGGCGCTGCAGTATGGCTGCAAACCTAATGGGGCT
GGAGATACCAGGCAGAATTTAATCCGGATTTCTATGCATTAGAGTGATTAACAATGGCAAAGTTGCA
GATATCAAGAAAGTCAACAACCTCATCAGAGAACAAGACTTATATGCTTTGAAATCTGTTAAGATTCCA
GTGAGAAACCATGGGATCCTGATGGAGACCCACAAGAAGCTGAAACCCCTCTGAGCCCGTCTCCGAG
ACCACAGTGACCGTGGAAGTCCAGAGGACAGACAGAGCAGGCGCGGGCACCGGTGCCAGGCCGGCCAA
CTGATGGGCTTTTAAAGGGATTGACCAGGATATTGAGCGTGCAGTGCAGTCAGAAATCTTTCTACAT
GAAAGTTACTGCATGGACACCTCCCATCAGCCACTGCTCCCGCACCTCCGAAGACGCCTATGGATGGT
GCAGATTGTGGCATTAGTGGTGAATGCTGTTTTATCATGCTGCTGATTGGTATTGTCTTGCCTGTC
TTTTATTTGGTCTACTTTAAAATAACAAGCTAGTGGTGAGACCCCTAATAGCTTGAACACAAGTGCATC
CCCAATGGCTCGATGGCAATGGGTACAGTTCAGGGCAAGCCCCAGACTAGCAGTTGCAGTGCCAGCC
GTCACCTTCTGCAGACAGCCAGTTCAGTCAGACCACCCAAGCGGGGAGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



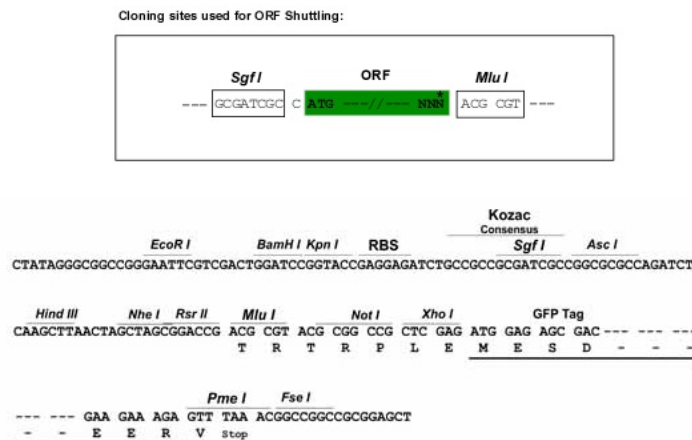
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG237244  
 Blue=ORF Red=Cloning site Green=Tag(s)

MAVGTGRGTLKKSLTVWFCGPGARSATRAVSTSLPRREQVTWCCSGSWPRRTASTSWRCSMAAKPNGA  
 GDTRQNLIPDFYAFRVINNGKVADIKKVNFIREQDLYALKSVKIPVRNHGILMETHKELKPLLSPSSE  
 TTVTVELPEADRAGAGTGAQAGQLMGFFKIDQDIERAVQSEIFLHESYCMDTSHQPLLPAPPKTPMDG  
 ADCGIQWVNAVFIMLLIGIVLPVFYLVYFKIQASGETPNSLNTTVIPNGSMAMGTVPQAPRLAVAVPA  
 VTSADSQFSQTTQAGS  
 TRTRPLEMEDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001284419

**ORF Size:** 876 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.

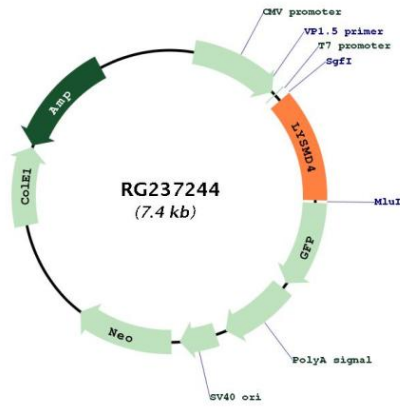
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**RefSeq:** [NM\\_001284419.2](#)

**RefSeq Size:** 2797 bp

RefSeq ORF: 879 bp  
 Locus ID: 145748  
 Cytogenetics: 15q26.3  
 Protein Families: Transmembrane  
 MW: 32.1 kDa

**Product images:**



Circular map for RG237244