

Product datasheet for **RG237269**

LYSMD4 (NM_001284418) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYSMD4 (NM_001284418) 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:	>RG237269 representing NM_001284418. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGCACGAGGAATTGTTAACCAAGACCTTCCAAGGCCAGCTGTTGTGTGTGGGACTCCGACCAGC
CACGTATACATGTTTAAAGATGGCAGTGGGGACTCGGGGGACTCTTCTGAAGAAGAGTCTCACCGTGTG
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GACGTGGTGTCTGCTGCAGCGGGAGCTGGCCAGGAGGACAGCCTCAACAAGCTGGCGTGCAGTATGGC
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CCGTCTTCCGAGACCACAGTGACCGTGGAACTGCCAGAGGCAGACAGAGCAGGCGCGGGCACCCGGTGCC
CAGGCCGGCCAACCTGATGGGCTTCTTTAAGGGATTGACCAGGATATTGAGCGTGCAGTGCAGTCAGAA
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GTCTTGCTGTCTTTATTTGGTCTACTTTAAAATAACAAGCTAGTGGTGAAGCCCTAATAGCTTGAAC
ACAAGTGCATCCCAATGGCTCGATGGCAATGGGTACAGTTCAGGGCAAGCCCCAGACTAGCAGTT
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



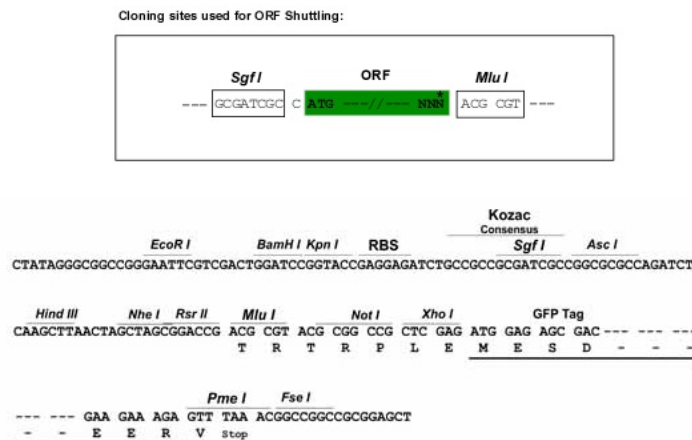
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237269
 Blue=ORF Red=Cloning site Green=Tag(s)

MRHEELLTKTFQGPVAVCGTPTSHVYMFKNGSGDSGDSSEESHVRVLRPRGKERHKSGVHQPPQAGAG
 DVVLLQRELAQEDSLNKLALQYGCKVADIKKVNFIREQDL YALKSVKIPVRNHGILMETHKELPLLS
 PSSETTVTVLPEADRAGAGTGAQAGQLMGFFKIDQDIERAVQSEIFLHESYCMDTSHQPLLAPPKT
 PMDGADCGIQWNAVFIMLLIGIVLPVLYLVYFKIQASGETPNSLNTTVIPNGSMAMGTVPQAPRLAV
 AVPAVTSADSQFSQTTQAGS
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284418

ORF Size: 888 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.

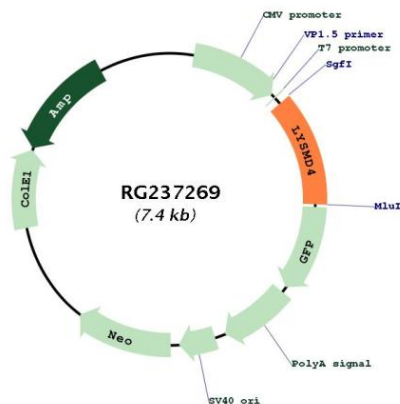
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001284418.2](#)

RefSeq Size: 2722 bp

RefSeq ORF: 891 bp
 Locus ID: 145748
 UniProt ID: [Q5XG99](#)
 Cytogenetics: 15q26.3
 Protein Families: Transmembrane
 MW: 32.5 kDa

Product images:



Circular map for RG237269