

Product datasheet for **RG236754**

Vgl4 (VGLL4) (NM_001284391) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Vgl4 (VGLL4) (NM_001284391) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Vgl4 |
| Synonyms: | VGL-4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG236754 representing NM_001284391. Blue=ORF Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCCAGGTGACGAGGACCTAGACTGTGACAACGACCACGTCTCCAAAATGAGTCGCATCTTCAAC
CCCCATCTGAACAAGACTGCCAATGGAGACTGCCGCAGAGACCCCGGGAGCGGAGCCGACGCCCCATC
GAGCGCGCTGTGGCCCCCACCATGAGCCTGCACGGCAGCCACCTGTACACCTCCCTCCCCAGCCTTGGC
CTGGAGCAGCCCCTCGCACTGACCAAGAACAGCCTGGACGCCAGCAGGCCAGCCGGCCTCTCGCCACA
CTGACCCCGGGGAGCGGCAGCAGAACCGCCCTCCGTGATCACCTGTGCCTCGGCTGGCGCCCGCAAC
TGCAACCTCTCGCACTGCCCCATCGCGCACAGCGGCTGTGCCCGCCCGGCCTGCCAGTACCGGAGG
CCACCGAGCGCTGCCACCACCTGTGACCCCGTGGTGGAGGAGCATTTCCGCAGGAGCCTGGCAAGAA
TACAAGGAGCCCAGCCGGCACCAACTCCGTGTCCATCACGGGGTCCGTGGACGACCACTTTGCCAAA
GCTCTGGGTGACACGTGGCTCCAGATCAAAGCGGCCAAGGACGGAGCATCCAGCAGCCCTGAGTCCGCC
TCTCGCAGGGGCCAGCCCGCCAGCCCCTCTGCCACATGGTCAGCCACAGTCACTCCCCCTCTGTGGTC
TCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



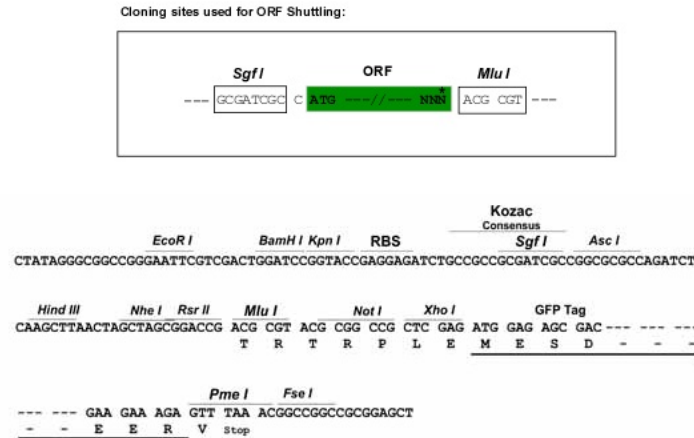
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236754
 Blue=ORF Red=Cloning site Green=Tag(s)

MEPGDEDLDCDNDHVSKMSRIFNPHLNKTANGDCRRDPRERSRSPIERAVAPTMSLHGSHLYTSLPSLG
 LEQPLALTKNSLDASRPAGLSPTLTPGERQQRPSVITCASAGARNCNLSHCPIAHSGCAAPGPASYRR
 PPSAATTCDPVVEEHFRRSLGKNYKEPEPAPNSVITGSVDDHFAKALGDTWLQIKAAKDGAASSPESA
 SRRGQPASPSAHMVSHSHSPSVVS
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284391

ORF Size: 693 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.

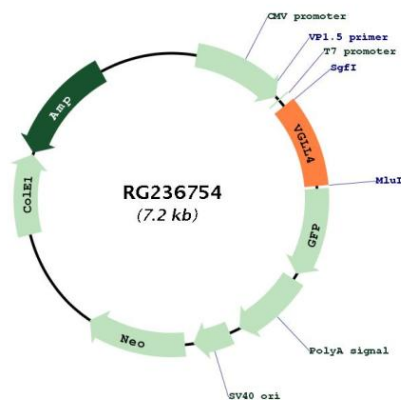
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001284391.1](#), [NP_001271320.1](#)

RefSeq Size: 3562 bp

RefSeq ORF: 696 bp

| | |
|-------------------|--|
| Locus ID: | 9686 |
| UniProt ID: | Q14135 |
| Cytogenetics: | 3p25.3-p25.2 |
| Protein Families: | Transcription Factors |
| MW: | 25 kDa |
| Gene Summary: | May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function] |

Product images:

Circular map for RG236754