

Product datasheet for **RC237257**

Vgl4 (VGLL4) (NM_001284390) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Vgl4 (VGLL4) (NM_001284390) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | VGLL4 |
| Synonyms: | VGL-4 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RC237257 representing NM_001284390 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTGAGAATACGCATTTTGACAAAATCCCTGAGTCTGTGCACTCAAAGTTGGAGACATCCAGGTC
TGCACCATGGCGAAGCTGCTCTCAGGGGAGAACCAGAATACAGACCCTGCCGGTGGCCTCTGCCCTCAG
CAGTCACCGCACCGGCCCTCCCCAATCAGCCCCAGCAAGAGGAAGTTCAGCATGGAGCCAGGTGACGAG
GACCTAGACTGTGACAACGACCAGTCTCCAAAATGAGTCGCATCTTCAACCCCATCTGAACAAGACTG
CCAATGGAGACTGCCGACAGACCCCGGGAGCGGAGCCGAGCCCCATCGAGCGCGCTGTGGCCCCCAC
CATGAGCCTGCACGGCAGCCACCTGTACACCTCCCTCCCGAGCCTTGGCCTGGAGCAGCCCTCGCACTG
ACCAAGAACAGCCTGGACGCCAGCAGGCCAGCCGGCCTCTCGCCCACTGACCCCGGGGAGCGGCAGC
AGAACCGGCCCTCCGTGATCACCTGTGCCTCGGCTGGCGCCGCAACTGCAACCTCTCGCACTGCCCAT
CGCGCACAGCGGCTGTGCCGCGCCCGGGCCTGCCAGCTACCGGAGGCCACCGAGCGCTGCCACCCTGT
GACCCCGTGGTGGAGGAGCATTTCCGCAGGAGCCTGGGCAAGAATTACAAGGAGCCCGAGCCGGCACCCA
ACTCCGTGTCCATCAGGGCTCCGTGGACGACCCTTTGCCAAGCTCTGGGTGACACGTGGCTCCAGAT
CAAAGCGCCAAGGACGGAGCATCCAGCAGCCCTGAGTCCGCCTCTCGCAGGGGCCAGCCCGCAGCCCC
TCTGCCACATGGTCAGCCACAGTCACTCCCCCTCTGTGGTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237257 representing NM_001284390
 Red=Cloning site Green=Tags(s)

MTENTHFDKIPESCALKSWRHPGLHHGEAALRGEPRITQLPVASALSSHRTGPPPIPSKRKFSMEPGDE
 DLDCDNDHVSKMSRIFNPHLNKTANGDCRRDPRERSRSPIERAVPTMSLHGSHLYTSLPSLGLEQPLAL
 TKNSLDASRPAGLSPTLTPGERQQNRPSVITCASAGARNCNLSHCPIAHSGCAAPGPASYRRPPSAATTC
 DPVVEEHFRRSLGKNYKEPEPAPNSVITGSVDDHFAKALGDTWLQIKAAKDGASSSPESASRRGQPASP
 SAHMVSHSHSPSVVS

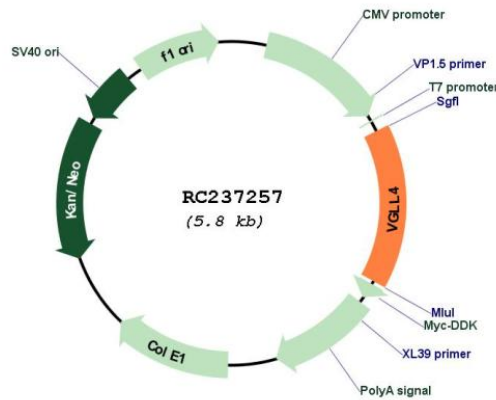
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001284390

ORF Size: 885 bp

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| 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: | <ol style="list-style-type: none"> 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. |
| RefSeq: | NM_001284390.2 |
| RefSeq Size: | 3889 bp |
| RefSeq ORF: | 888 bp |
| Locus ID: | 9686 |
| UniProt ID: | Q14135 |
| Cytogenetics: | 3p25.3-p25.2 |
| Protein Families: | Transcription Factors |
| MW: | 32.1 kDa |
| Gene Summary: | May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function] |