

Product datasheet for **RC225242**

Vgl4 (VGLL4) (NM_001128220) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vgl4 (VGLL4) (NM_001128220) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: Vgl4
Synonyms: VGL-4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC225242 representing NM_001128220
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATTAAGTGAGGAACAAGACTGCCAATGGAGACTGCCGAGAGACCCCGGGAGCGGAGCCGCAGCC
 CCATCGAGCGCGCTGTGGCCCCACCATGAGCCTGCACGGCAGCCACCTGTACACCTCCCTCCAGCCT
 TGGCCTGGAGCAGCCCTCGACTGACCAAGAACAGCCTGGACGCCAGCAGGCCAGCCGGCTCTCGCC
 AACTGACCCCGGGGAGCGGCAGCAGAACCGGCCCTCCGTGATCACCTGTGCCTCGGCTGGCGCCGCA
 ACTGCAACCTCTCGACTGCCCATCGGCACAGCGGCTGTGCCGCGCCGGGCTGCCAGCTACCGGAG
 GCCACCGAGCGCTGCCACCACCTGTGACCCCGTGGTGGAGGAGCATTTCCGCAGGAGCCTGGCAAGAAT
 TACAAGGAGCCCGAGCCGGCACCAACTCCGTGTCCATCACGGGCTCCGTGGACGACCACTTTGCCAAAG
 CTCTGGGTGACACGTGGCTCCAGATCAAAGCGGCAAGGACGGAGCATCCAGCAGCCCTGAGTCCGCCTC
 TCGCAGGGCCAGCCCGCAGCCCTCTGCCACATGGTCAGCCACAGTCACTCCCTCTGTGGTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225242 representing NM_001128220
 Red=Cloning site Green=Tags(s)

MIKVRNKTANGDCRRDPRERSRSPIERAVPTMSLHGSHLYTSLPSLGLAQPLALTKNSLDASRPAGLSP
 TLTPGERQQRPSVITCASAGARNCNLSHCPIAHSGCAAPGPASYRRPPSAATTCDPVVEEHFRRSLGKN
 YKEPEPAPNSVITGSVDDHFAKALGDTWLQIKAADGASSSPESASRRGQPASPSAHMVSHSHSPSVVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001128220

ORF Size: 630 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.

RefSeq: [NM_001128220.3](#)

RefSeq ORF: 633 bp

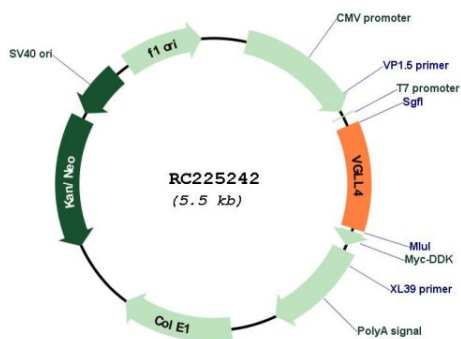
Locus ID: 9686

UniProt ID: [Q14135](#)

Cytogenetics: 3p25.3-p25.2

Protein Families: Transcription Factors
 MW: 22 kDa
 Gene Summary: May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC225242