

## Product datasheet for **SC334648**

### Vgl4 (VGLL4) (NM\_001284391) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vgl4 (VGLL4) (NM_001284391) Human Untagged Clone
Tag:	Tag Free
Symbol:	VGLL4
Synonyms:	VGL-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001284391, the custom clone sequence may differ by one or more nucleotides

```
ATGGAGCCAGGTGACGAGGACCTAGACTGTGACAACGACCACGTCTCCAAAATGAGTCGCATCTTCAACC  
CCCATCTGAACAAGACTGCCAATGGAGACTGCCGAGAGACCCCGGGAGCGGAGCCGACGCCCCATCGA  
GCGCGCTGTGGCCCCACCATGAGCCTGCACGGCAGCCACCTGTACACCTCCCTCCCGAGCCTTGGCCTG  
GAGCAGCCCTCGCACTGACCAAGAACAGCCTGGACGCCAGCAGGCCAGCCGGCCTCTCGCCCACTGA  
CCCCGGGGAGCGGCAGCAGAACCGGCCCTCCGTGATCACCTGTGCCCTCGGCTGGCGCCCACTGCAA  
CCTCTCGCACTGCCCCATCGCGCACAGCGGCTGTGCCCGCCCGGCCTGCCAGCTACCGGAGGCCACCG  
AGCGCTGCCACCACCTGTGACCCCGTGGTGGAGGAGCATTTCGCGAGGAGCCTGGCAAGAATTACAAGG  
AGCCCCGAGCCGGCACCAACTCCGTGTCCATCACGGGCTCCGTGGACGACCACTTGCCAAAGCTCTGGG  
TGACACGTGGCTCCAGATCAAAGCGGCCAAGGACGGAGCATCCAGCAGCCCTGAGTCCGCTCTCGCAGG  
GGCCAGCCCGCCAGCCCTCTGCCACATGGTCAGCCACAGTCACTCCCCCTCTGTGGTCTCTGA
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001284391
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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).



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**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\\_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

**Gene Summary:** May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (6) contains alternate 5' exon structure and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (f) has a distinct N-terminus and is shorter than isoform a.