

Product datasheet for **RG200600**

VGLL1 (NM_016267) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: VGLL1 (NM_016267) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: VGLL1
Synonyms: TDU; VGL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG200600 representing NM_016267
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAAATGAAGAAGACTGCCATCCGGCTGCCAAAGGCAAACAGAAGCCTATAAAGACGGAATGGA
ATTCCCGGTGTGCCTTTTCACCTACTTCCAAGGGGACATCAGCAGCGTAGTGGATGAACACTTCTCCAG
AGCTCTGAGCAATATCAAGAGCCCCAGGAATTGACCCCTCGAGTCAGAGTGAAGGTGTGATGCTGAAA
AACGATGATAGCATGTCTCCAAATCAGTGGCGTTACTCGTCTCCATGGACAAAGCCACAACCAGAAGTAC
CTGTACAAAACCGTGCCCAACTGCAACTTGCATGTGCCTGGTCCCATGGCTGTGAATCAGTTCTCACC
GTCCCTGGCTAGGAGGGCTCTGTTCCGGCTGGGAGCTGTGGCATTCTCCTCCCTGGCGGCACCAGC
TCCTTAGAGCCTGGCTACTCTCATCCCTTCCCCGCTCGGCACCTGGTTCAGAGCCCCAGCTGATGGGA
AACGTGAGCCTCTCCTAAGTCTCCTCCAGCAAGACAGATGCCTAGCCCGTCTCAGGAATCTGCCGCCAG
GGAGAAATGGCAACCTGGCCAGATAGCTGGAAGCACAGGGTTGCTCTTCAACCTGCCTCCCGGCTCAGTT
CACTATAAGAACTATATGTATCTCGTGGATCTGCCAGTACCAGCCTTCCAAATGAAACTTTTCAGAGT
TAGAGACACCTGGGAAATACTCACTTACACCACCAACCCTGGGGCCACCCACATCGATACCTGCAGCA
TCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG200600 representing NM_016267
 Red=Cloning site Green=Tags(s)

MEEMKKTAIRLPKGKQKPIKTEWNSRCVLFYFQGDISSVVDEHFSRALSNIKSPQELTPSSQSEGVMLK
 NDDSMSPNQWRYSSPWTKPQPEVPTNRAANCLHVPGPMAVNQFSPSLARRASVRPGEWHFSSLAGTS
 SLEPGYSHPPARHLVPEPQPDGKREPLL SLLQQDRCLARPQESAARENGNPGQIAGSTGLLFLNLP
 GSV HYKKLYVSRGSASTSLPNETLSELETPGKYSLTPPNHWGHPHYRLQHL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016267

ORF Size: 774 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_016267.4](#)

RefSeq Size: 1232 bp

RefSeq ORF: 777 bp

Locus ID: 51442

UniProt ID: [Q99990](#)

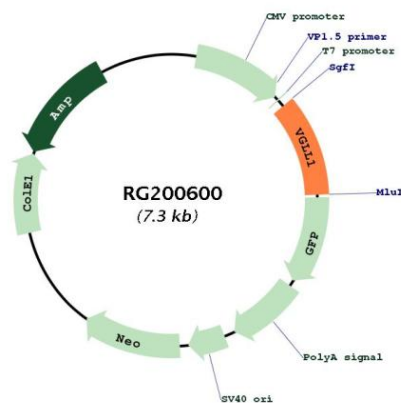
Cytogenetics: Xq26.3

Domains: TDU

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene binds proteins of the TEA domain family of transcription factors (TEFs) through the Vg (vestigial) homology region found in its N-terminus. It may thus function as a specific coactivator for the mammalian TEFs. [provided by RefSeq, Sep 2009]

Product images:



Circular map for RG200600