

Product datasheet for **SC114369**

VGLL1 (NM_016267) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VGLL1 (NM_016267) Human Untagged Clone
Tag:	Tag Free
Symbol:	VGLL1
Synonyms:	TDU; VGL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016267, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGAAATGAAGAAGACTGCCATCCGGCTGCCCAAAGGCAAACAGAAGCCTATAAAGACGGAATGGA  
ATTCGCGGTGTGTCCTTTTCACTACTTCCAAGGGGACATCAGCAGCGTAGTGGATGAACACTTCTCCAG  
AGCTCTGAGCAATATCAAGAGCCCCAGGAATTGACCCCTCGAGTCAGAGTGAAGGTGTGATGCTGAAA  
AACGATGATAGCATGTCTCAAATCAGTGGCGTTACTCGTCTCCATGGACAAAGCCACAACCAGAAGTAC  
CTGTCACAAACCGTGCCGCAACTGCAACTGCATGTGCCTGGTCCCATGGGTGTAATCAGTTCTCACC  
GTCCTGGCTAGGAGGGCTCTGTTGCGCTGGGAGCTGTGGCATTCTCCTCCCTGGCGGGCACCAGC  
TCCTTAGAGCCTGGCTACTCTCATCCCTTCCCCGCTCGGCACCTGGTTCCAGAGCCCAGCCTGATGGGA  
AACGTGAGCCTCTCCTAAGTCTCCTCCAGCAAGCAGATGCCTAGCCCGTCTCAGGAATCTGCCGCCAG  
GGAGAATGGCAACCCTGGCCAGATAGCTGGAAGCACAGGGTTGCTCTTCAACCTGCCTCCCGGCTCAGTT  
CACTATAAGAACTATATGTATCTCGTGGATCTGCCAGTACCAGCCTTCCAAATGAAACTTTTCAGAGT  
TAGAGACACCTGGGAAATACTCACTTACACCACCAAACTGGGGCCACCCACATCGATACCTGCAGCA  
TCTTTAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016267 unedited NNGGGTCAGAATTTGTATACGACTCCTATAGGCGGCNCGCGAATTCGGCACGAGGGNAAA GTAACAAGNAGGTGGGGGTACAAATCCTCAGCTCCTGCTTCCGCAAGCACTAACCTGCTC TGAAGTGAGCCAGGCAGCTCTGGCCATCTTTCCAGCCACAGAATCAGGTGATGGTCCA GAATTAAGAGCTGTCACCTGTGTATTCACTCACAATGGAAGAAATGAAGAAGACTGCCA TCCGGCTGCCAAAGGCAAACAGAAGCCTATAAAGACGGAATGGAATCCCGGTGTGTCC TTTTCACTACTTCCAAGGGGACATCAGCAGCGTAGTGGATGAACACTTCTCCAGAGCTC TGAGCAATATCAAGAGCCCCAGGAATTGACCCCTCGAGTCAGAGTGAAGGTGTGATGC TGAAAAACGATGATAGCATGTCTCCAAATCAGTGGCGTTACTCGTCTCCATGGACAAAGC CACAACCAGAAGTACCTGTCACAAACCGTGCCGCCAACTGCAACTTGCATGTGCCTGGTC CCATGGCTGTGAATCAGTTCTCACCGTCCCTGGCTAGGAGGGCCTCTGTTCCGGCTGGGG AGCTGTGGCATTCTCCTCCCTGGCGGGCACCAGCTCCTTAGAGCCTGGTACTCTCATC CCTTCCCCGCTCGGCACCTGGTTCAGAGCCCCAGCCTGATGGGAAACGTGAGCCTCTCC TAAGTCTCCTCCAGCAAGACAGATGCCTAGCCCGTCCCTCAGAATCTGCCGCCAGGAGA ATGGCACCTGGCCAGATAGCTGGAAGCACAGGGTTGCTTTTACCTGCCCTCCGGCTC AGNTCACTATAAGAACTATTGTATCTCGTGGATCTGCCATACCAGCCTTCCAAAGAAATC CTTCAAATAGAC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016267 unedited GAACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCAAAA AATACAGTTTTATTATTATTCATCATCTGAGCTGTTACACAGGACCAAGCAGGGTGTGGA TGGGGAACATTGACAGCGGGGGCTTCTGGGATTTTACAGGGCAAGTACTGAGCTCATA TAAACACGAAGCTGTTTAAACAAATTGGGGAGGCAAGTGGGTGTGACCAGCTTTCATTTT ATCTGGAACAATATGCAGGGATGTCTTGTGCTGCCGTGCTTAAACCAAGTGTGTCTTTCT CCTCCAACCTGACTAAAGATGCTGCAGGTATCGATGTGGGTGGCCCCAGTGGTTTGGCGG TGTAAGTGAGTATTTCCAGGTGTCTCTAACTCTGAAAGAGTTCATTTGGAAGGCTGGT ACTGCCATATCCACGACATACATATAGCCTTTTATAGCGAACTGACCCCGGGAGGCACG TTGACCACCCACCTCTGCTTACGTTATCGGCCCCACGGTTCCTCACTCCCCCTTGGCGT TTCACCTCTCGAGGACCGCCCTGGCCTCTGTCTTCTGCAGCACACCTCCGACCGGCTT ATCCTTCCCCCCCCACGCCGCCGCTTTTACCTATTCCGCAACCTCCCTACGCGCCACACA TTTCCCCCTCCCTACCTCCTTGTGCTTCCCCCGGCCCTTCCCCCCCCGCCCCACCCCG TTCCAACCAGCTCCCCTGTTTACACACTTCCCCCCCCCTCCCTCTTTCTTCCCTTCTCC ATATTCATCTTTTCCGTACTIONATCCTCCTCACACCCCAACTTCTTCCATCCCCCCCCCT CCATCCCTCTTATTCACAATCCCTTTCTCTCCCAAGTTCCCATTTCCCCCTCCCTAT TCTTGTGCGCCCCCTTTTTTCCCCCCCCCTTCTCCTCTCTTTTCCCCCCCCCTTTTTT CCCCCCCCCTTCTCCCTCTCCCTTCTCCCTTCTCCGCGCTCTCTTCTTCCCCCAA TTA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_016267
Insert Size:	1120 bp
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).

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_016267.2](#), [NP_057351.1](#)

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]