

Product datasheet for SC121605

Vgl4 (VGLL4) (NM_014667) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vgl4 (VGLL4) (NM_014667) Human Untagged Clone
Tag:	Tag Free
Symbol:	Vgl4
Synonyms:	VGL-4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC121605 sequence for NM_014667 edited (data generated by NextGen Sequencing)

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ATGGAGACGCCATTGGATGTTTTGTCCAGGGCAGCATCTCTGGTGCATGCTGATGACGAA
AAACGCGAAGCTGCTCTCAGGGGAGAACCAGAAATGCAGACCCTGCCGGTGGCCTCTGCC
CTCAGCAGTCACCGCACCGGCCCTCCCCAATCAGCCCCAGCAAGAGGAAGTTCAGCATG
GAGCCAGGTGACGAGGACCTAGACTGTGACAACGACCACGTCTCCAAAATGAGTCGCATC
TTCAACCCCCATCTGAACAAGACTGCCAATGGAGACTGCCGAGAGACCCCCGGGAGCGG
AGCCGAGCCCCATCGAGCGCGCTGTGGCCCCACCATGAGCCTGCACGGCAGCCACCTG
TACACCTCCCTCCCAGCCTTGGCCTGGAGCAGCCCTCGCACTGACCAAGAACAGCCTG
GACGCCAGCAGGCCAGCCGGCCTCTCGCCCACTGACCCCGGGGAGCGGCAGCAGAAC
CGGCCCTCCGTGATCACCTGTGCCTCGGCTGGCGCCCGCAACTGCAACCTCTCGCACTGC
CCCATCGCGCACAGCGGCTGTGCCGCGCCGGCCTGCCAGTACCGGAGGCCACCGAGC
GCTGCCACCACCTGTGACCCCGTGGTGGAGGAGCATTTCCGAGGAGCCTGGGCAAGAAT
TACAAGGAGCCCGAGCCGGCACCCAACCTCCGTGTCCATCACGGGCTCCGTGGACGACCAC
TTTGCCAAAGCTCTGGGTGACACGTGGCTCCAGATCAAAGCGGCCAAGGACGGAGCATCC
AGCAGCCCTGAGTCCGCCTCTCGCAGGGGCCAGCCCGCCAGCCCTCTGCCACATGGTC
AGCCACAGTCACTCCCCCTCTGTGGTCTCCTGA

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Clone variation with respect to NM_014667.2
96 a=>g



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014667 unedited CCTAAGAATTGTATCCGACTTACTATAGNNGCGCGCCGCAATTCGGCACGAGGGGAA ACCCAGCGCGTTCGGAGCGCCCGGGACCGCCGCGCGTCTGAGCGCAGTGGCGCCGAG CAGCCCCCCCCGAGCCGGTGTGACCTGTCCCTTCAGGCTCCAACCAGGAATGGAGACGC CATTGGATGTTTTGTCCAGGGCAGCATCTCTGGTGCATGCTGATGACGAAAAACGGAAG CTGCTCTCAGGGGAGAACCCAGAATGCAGACCTGCCGGTGGCCTCTGCCCTCAGCAGTC ACCGCACCGGCCCTCCCCAATCAGCCCCAGCAAGAGGAAGTTCAGCATGGAGCCAGGTG ACGAGGACCTAGACTGTGACAACGACCACGTCTCCAAAATGAGTCGCATCTTCAACCCCC ATCTGAACAAGACTGCCAATGGAGACTGCCGACAGACCCCGGGAGCGGAGCCGACGCC CCATCGAGCGCGTGTGGCCCCACCATGAGCCTGCACGGCAGCCACCTGTACACCTCCC TCCCCAGCCTTGGCTGGAGCAGCCCTCGCACTGACCAAGAACAGCCTGGACGCCAGCA GGCCAGCCGGCCTCTCGCCCACTGACCCCGNGGAGCGGCAGCAGAACCGGCCCTTCG TGATCACCTGTGCCTCGGCTGGCGCCCGCAACTGCAACCTCTCGCACTGCCCCATCGCGC ACAGCGGTGTGCCGCGCCCGGCTGCCAGCTACCGGAGGCCACCGAGCGCTGCCCCAC CTGTGACCCCGTGGTGGAGGAGCATTTTNCGCAGAGCCCTGGCAGAAAATACAGGAGCCG AGCCGGCACCCACTCCGTGTCCATACGGNCTCGTGGACGACCACTTGCCAGCTCTGGT GACCGTGGCTCAGATCAAGCGGCAAGACGGACATCCACA
Restriction Sites:	NotI-NotI
ACCN:	NM_014667
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:	<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_014667.1 , NP_055482.1
RefSeq Size:	3539 bp
RefSeq ORF:	873 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 (2) contains alternate 5' exon structure and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a.