

Product datasheet for SC322892

Vgl4 (VGLL4) (NM_001128221) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vgl4 (VGLL4) (NM_001128221) 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:	>SC322892 representing NM_001128221. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAACAAGACTGCCAATGGAGACTGCCGAGAGACCCCGGGAGCGGAGCCGACGCCCATCGAGCGC
GCTGTGGCCCCACCATGAGCCTGCACGGCAGCCACCTGTACACCTCCCTCCCCAGCCTTGGCCTGGAG
CAGCCCCCTCGCACTGACCAAGAAGCAGCCTGGACGCCAGCAGGCCAGCCGGCCTCTCGCCCACTGACC
CCGGGGGAGCGGCAGCAGAACCAGCCCTCCGTGATCACCTGTGCCTCGGCTGGCGCCGCAACTGCAAC
CTCTCGCACTGCCCATCGGCACAGCGGCTGTGCCGCGCCGGCCTGCCAGCTACCGGAGGCCACCG
AGCGCTGCCACCCTGTGACCCCGTGGTGGAGGAGCATTTCGCAGGAGCCTGGCAAGAATTACAAG
GAGCCCGAGCCGGCACCCAACTCCGTGTCCATCACGGGCTCCGTGGACGACCACTTTGCCAAGCTCTG
GGTGACACGTGGCTCCAGATCAAAGCGGCAAGGACGGAGCATCCAGCAGCCCTGAGTCCGCCTCTCGC
AGGGGCCAGCCGCCAGCCCTCTGCCACATGGTCAGCCACAGTCACTCCCCCTCTGTGGTCTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_001128221
Insert Size:	621 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001128221.2</u>
RefSeq Size:	3434 bp
RefSeq ORF:	621 bp
Locus ID:	9686
UniProt ID:	<u>Q14135</u>
Cytogenetics:	3p25.3-p25.2
Protein Families:	Transcription Factors
MW:	21.7 kDa
Gene Summary:	<p>May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) contains alternate 5' exon structure and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (d) has a distinct N-terminus and is shorter than isoform a.</p>