

Product datasheet for RG212194

VGLL2 (NM_153453) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

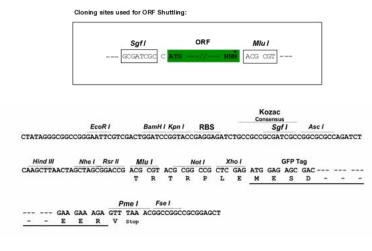
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Product Type:	Expression Plasmids
Product Name:	VGLL2 (NM_153453) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	VGLL2
Synonyms:	VGL2; VITO1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<pre>>RG212194 representing NM_153453 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGAGCTGTCTGGATGTTATGTACCAAGTCTATGGTCCTCCGCAGCCCTACTTCGCAGCCGCCTACACCC CCTACCACCAGAAACTAGCCTATTATTCCAAAATGCAGGAAGCGCAGGAGTGCAATGCCAGCCA
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	<pre>>RG212194 representing NM_153453 Red=Cloning site Green=Tags(s)</pre>
	MSCLDVMYQVYGPPQPYFAAAYTPYHQKLAYYSKMQEAQECNASPSSSGSGSSSFSSQTPASIKEEEGSP EKERPPEAEYINSRCVLFTYFQGDISSVVDEHFSRALSQPSSYSPSCTSSKAPRSSGPWRARRYSLCGAS LLS
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul

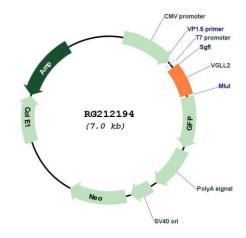


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Cloning Scheme:



Plasmid Map:



ACCN:	NM_153453
ORF Size:	429 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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ORIGENE VGLL2 (NM_153453) Human Tagged ORF Clone – RG212194		
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 153453.1, NP 703154.1</u>	
RefSeq Size:	1709 bp	
RefSeq ORF:	432 bp	
Locus ID:	245806	
UniProt ID:	<u>Q8N8G2</u>	
Cytogenetics:	6q22.1	
Gene Summary:	This gene encodes a protein with a transcriptional enhancer factor 1 (TEF-1) interaction domain. The encoded protein may act as a co-factor of TEF-1 regulated gene expression during skeletal muscle development. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012]	

~ \$1/-

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