

Product datasheet for **RG212194**

VGLL2 (NM_153453) Human Tagged ORF Clone

Product data:

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: >RG212194 representing NM_153453
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTGTCTGGATGTTATGTACCAAGTCTATGGTCCTCCGCAGCCCTACTTCGCAGCCGCTACACCC
CCTACCACCAGAACTAGCCTATTATCCAAAATGCAGGAAGCGCAGGAGTGCAATGCCAGCCCCAGCAG
CAGTGGCAGCGGCAGCTCCTCATTTCCAGCCAAACCCAGCCAGTATAAAAGAGGAAGAAGGCAGCCCA
GAGAAAGAGCGCCACCAGAGGCAGAGTACATCAACTCCCCTGCGTCTTCACTTATTTCCAGGGGG
ACATCAGCTCCGTGGTGGATGAACATTTACAGAGGCCCTGAGCCAACCCAGCAGCTACTCTCCTAGCTG
TACCAGCAGCAAAGCACCAAGGAGCTCTGGGCCCTGGCGAGCTCGTCGTTATCCCTCTGTGGTGCATCC
CTCCTGAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG212194 representing NM_153453
Red=Cloning site Green=Tags(s)

MSCLDVMYQVYGPPQPYFAAAYTPYHQKLAYYSKMQEAQECNASPSSSGSGSSSFSSQTPASIKKEEGSP
EKERPPEAEYINSRCVLFYFQGDIISSVDEHFSRALSQPSSYSPSCTSSKAPRSSGPWRARRYSLCLGAS
LLS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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_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]