

Product datasheet for **MG215689**

Vsig8 (NM_177723) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vsig8 (NM_177723) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Vsig8
Synonyms: A030011M19; EG240916
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG215689 representing NM_177723
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAGTTCGAGGAGCACTCCATCTTCTACTTGTGTGCCTGAGCCAGCACTGTTGTCTGCTGTAAGGA
 TCAACGGGGATGGCCAGGAGGTACGTACCTGGCAGAAGGTGACAATGTGAGGCTAGGCTGTCCCTACCT
 CCTGGATCCTGAGGATTTGGGTACCAACAGTCTGGACATTGAGTGGATGCAAGTCAACTCAGAGCCCTCA
 CACAGGGAGAATGTTTTCTTACTTATCAAGACAAGAGGATAGGTCATGGCAACCTCCCCATCTGCAGC
 AGAGGGTCCGCTTTCAGCCTCAGACCCAGCCAGTACGATGCCATCAACCTCATGAACCTGCAGGT
 ATCTGACACAGCAACCTATGAGTGCCGGGTGAAGAAGACCACCATGGCCACCAGGAAGGTATTGTCACT
 GTCCAAGCACGTCTGCGGTGCCATGTGTTGGACGGAAGGCCACATGTCAAAGGGCAACGATGTGGTGC
 TGAAGTGCTTTGCCAACGGAGGCTCTCAGCCCCTCTCTACAAGTGGGCCAAGATCAGTGGGCACAGTCA
 CCCCTACCGAGCTGGGGCTTACCACTCACAGCACAGCTTCCACTCTGAGCTTTCTTACCAAGAGTCATTC
 CACAGCACCATCAACCAAGGCCTGGCAACGGAGACCTGCTGTTGAAGGGCATCAACGCAGACGACGATG
 GGCTGTATCAGTGCACAGTGGCCAACCATGTGGGCTACAGCGTCTGTGTGGTAGAGGTGAAAGTCTCAGA
 CTCCCAGCGAGTAGGCATGATCGTTGGAGCAGTCTGGGCTCTTGTCTCATGCTGGCCTGCCTGGCACTA
 GGCATCTGGGGGCTCATCTGCTGCTGCTGCGGAGGCGGGGGCCGGTGGTGCCTGAGGCTTCCGCTTCCGCT
 ACGGGTTCGGCGCGGGTTCGGCGGAGGGCCTGCGGCGACTTGGCTAGTGAGATCAGAGTGGACGCGCA
 GGCGCCCGGGTGTAAAGGCCAGCGGGCGCGGAGCCGCGTCAACCCACCTCTGGGGTACCCGACGAGAAC
 GTCAGCCGCTCCCTGCGCCGAAGTACGCGCCTCCGCCCTGCGCGGCCCGAGGACGTGGCCCTAGTGC
 CCCGACCCGCTCCGCTCCTGCGAAGCGGGTCCCTCCCCGCTACATCAAGGTCAAGAGCGCGGAGCC
 GGCCGACTGCGCCGACTGTGCCAGGTCGAGCAGCGCTCGTGCAAGGACGGCCTTATGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG215689 representing NM_177723
 Red=Cloning site Green=Tags(s)

MGVRGALHLLLVCLSPALLSAVRINGDQGQEVMYLAEGDNVRLGCPYLLDPEDLGTNSLDIEWMQVNSEPS
 HRENVFLTYQDKRIGHGNLPHLQQRVRF AASDPSQYDASINLMNLQVSDTATYEYCRVKKTTMATRKVIVT
 VQARPAVPMCWTEGHMSKGNDDVVKCFANGGSQPLSYKWAKISGHSHPYRAGAYHSQHSFSELSYQESF
 HSTINQGLGNDLLKGINADDDGLYQCTVANHVGVYVVEVKVSDSQRVGMIVGAVLGSLLMLACLAL
 GIWGLICCCCGGGAGGARGAFYGVVGGVGGGACGDLASEIRVDAEAPGCKASGRGSRVTHLLGYPTQN
 VSRSLRRKYAPPCGGPEDVALVPRTASASCEAGSPVYIKVKAEPADCADCAQVEQRSCKDGLLV

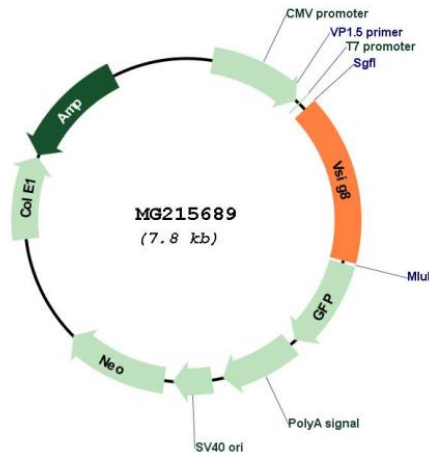
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_177723

ORF Size:	1251 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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_177723.4 , NP_808391.2
RefSeq Size:	1814 bp
RefSeq ORF:	1254 bp
Locus ID:	240916
UniProt ID:	Q6P3A4
Cytogenetics:	1 H3