

Product datasheet for **MG204274**

Vsig8 (BC064106) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vsig8 (BC064106) 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: >MG204274 representing BC064106
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACCTGCAGGTATCTGACACAGCAACCTATGAGTGCCGGTGAAGAAGACCACCATGGCCACCAGGA
 AGGTCAATTGTCACTGTCCAAGCACGTCTGCGGTGCCATGTGTTGGACGGAAGGCCACATGTCAAAGGG
 CAACGATGTGGTGTGAAGTGCTTTGCCAACGGAGGCTCTCAGCCCTCTCCTACAAGTGGGCCAAGATC
 AGTGGGCACAGTCACCCCTACCGAGCTGGGGCTTACCACTCACAGCACAGCTTCCACTCTGAGCTTTCTT
 ACCAAGAGTCATTCCACAGCACCATCAACCAAGGCCTGGGCAACGGAGACCTGCTGTTGAAGGGCATCAA
 CGCAGACGACGATGGGCTGTATCAGTGCACAGTGGCCAACCATGTGGGCTACAGCGTCTGTGTGGTAGAG
 GTGAAAGTCTCAGACTCCAGCGAGTAGGCATGATCGTTGGAGCAGTGTGGGCTCTTTGCTCATGCTGG
 CCTGCCTGGCACTAGGCATCTGGGGCTCATCTGCTGCTGCTGCGGAGGCGGGCGGGCCGGTGGTCCCCG
 AGGTGCCTTTCGGCTACGGGGTCGGCGCGGGGTTCGGCGGAGGGGCTGCGGCGACTTGGCTAGTGAGATC
 AGAGTGGACGCCGAGGCGCCCGGTGTAAGGCCAGCGGGCGGGCAGCCGCTCACCCACCTCTGGGGT
 ACCCGACGCAGAACGTGAGCCGCTCCCTGCGCCGAAGTACGCGCTCCGCCCTGCGGCGGGCCCGAGGA
 CGTGGCCCTAGTCCCCGCACCCGCTCCGCTCCTGCGAAGCGGGTCCCTCCCCGTCTACATCAAGGTC
 AAGAGCGCGGAGCCGGCCGACTGCGCCGACTGTGCCAGGTCGAGCAGCGCTCGTCAAGGACGGCCCTCT
 TAGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204274 representing BC064106
 Red=Cloning site Green=Tags(s)

MNLQVSDTATYECRVKKTMTATRKVIVTVQARPAVPMCWTEGHMSKGNVVLKCFANGGSQPLSYKWAKI
 SGHSHPYRAGAYHSQHSFHSELSYQESFHSTINQGLGNGDLLLKGINADDGLYQCTVANHVGY SVCVVE
 VKVSDSQRVGMI VGAVLGSLLMLACLALGIWGLICCCCGGGGAGGARGAFGYGVGGVGGGACGDLASEI
 RVD AEA PGCKASGRGSRVTHLLGYPTQNVSRSLRRKYAPPPCGGPEDVALVPRTASASCEAGPSPVYIKV
 KSAEPADCADCAQVEQRSCKDGLLV

TRTRPLE - GFP Tag - V

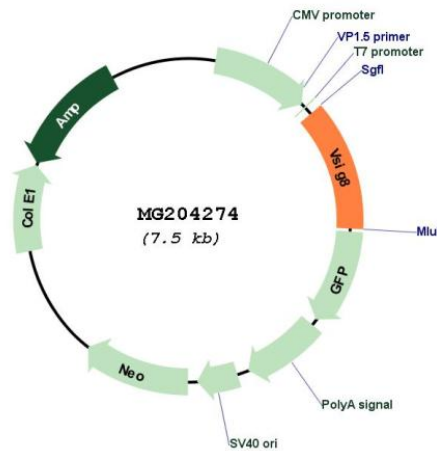
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: BC064106

ORF Size: 917 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:	BC064106 , AAH64106
RefSeq Size:	1552 bp
RefSeq ORF:	917 bp
Locus ID:	240916
Cytogenetics:	1 H3