

Product datasheet for **MG202858**

Vsig2 (BC099457) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Vsig2 (BC099457) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Vsig2
 Synonyms: Ctm, CTX
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG202858 representing BC099457
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTGGCCCCTGGTGGGGCTTTCCTTTGCGGGCACTTGCTGGGCTTCGTGTGCCTGAGCGGGCTAG
 CTGTGGAGGTGACTGTGCCCACTGAGCCACTGAGCGTGCCAAAGGGTAAGACGGCCGAGCTGAGCTGCAG
 TTACAAAACATCGGTGGGCGACAACCTTTCCTTGGAGTGGAGCTTTGTGCAGCCTGGGAAGCCCATCTCT
 GCGTCCGTGCCGTTCTGTACTTCACCAATGGCCACCTGTATCCCACTGGCTCTAAAGCAGATCGGGCCA
 TCCTTCTCCACGATCCACCCACAGGAGGACTGGCTACCCTGAAACTGACTGACCTCCGCCCTTCAGACAC
 TGGGACCTACCTCTGCAATGTTAACAACCCACCAGATTTCTACACCAACGGTTGGGGTTAATCAACCTT
 ACTGTGCTGGACTCATCTGAAGGCCGAGTAGCTGGGACTCTTATTGGGGTCTGCTGGGAGTGTCTGCC
 TGTCACTCGCCGATTCTGCCTCATCAGGTTCCAGAAAGAGAGGAAAAAGGAGCCCAAGGAGACCTATGG
 GGGTAGTGACCTTCGGGAGGATGCAACCGCTCCTGGGGTTTTTGAGCAAGCTTCTATGAGAGCCGATCAT
 AGCAAAGAGCTCCTGGAGAAGTCTCCATGTGCCAGCACCATGACCACCACTAAGTCCAACTCTCTATGG
 TTGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202858 representing BC099457
 Red=Cloning site Green=Tags(s)

MAWPLVGAFLCGHLLGFVCLSGLAVEVTVPTPEPLSVPKGKTAELSCSYKTSVGDNFLEWSFVQPGKPIS
 ASVPVL YFTNGHLYPTGSKADRAILLHDPPTGGLATLKL TDLRPSDTGTLYCNVNNPPDFYTNGLGLINL
 TVLDSSEGRVAGTLIGVLLGVLLLSVAAFCLIRFQKQKKEPKETYGGSDLREDATAPGVFEQASMRADH
 SKELLEKSPCASTMTTTKSKLSMVV

TRTRPLE - GFP Tag - V

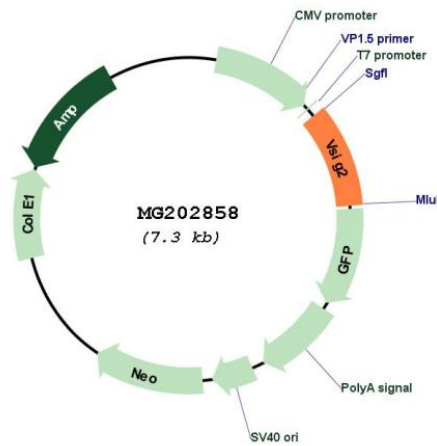
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC099457

ORF Size: 707 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:	BC099457 , AAH99457
RefSeq Size:	874 bp
RefSeq ORF:	707 bp
Locus ID:	57276
Cytogenetics:	9 A4