

Product datasheet for MG200558

Ssna1 (NM 023464) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ssna1 (NM 023464) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: Ssna1

Synonyms: 1110003H09Rik; 1190004J23Rik; AA934184; N14; NA14

Mammalian Cell

Selection:

Neomycin

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG200558 representing NM_023464

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGACCCAACAGGGCGCGCGCGCTGCAGAACTACAACAACGAGTTGGTCAAGTGCATCGAGGAGTTGTGTC AGAAGCGAGAGGAGCTGTGCCGGCAGAACCAACAAGAGGAGGACGAAAAAGCAGCGGCTACAAAATGAGGT GAGGCAGCTCACGGAGAAGTTGGCCCGCGTCAACGAGAACCTGGCGCGCAAGATCGCCTCTCGCAACGAG TTTGACCGGACCATCGCAGAAACCGAGGCCGCCTACCTCAAGATCCTGGAGAGCTCTCAGACTCTGCTTA GTGTACTCAAAAGAGAAGCTGGGAAACCTGACTAAAGCCACAGCTTCAGACCAGAAGAGTAGTGGAGGCAA

GGACAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200558 representing NM_023464

Red=Cloning site Green=Tags(s)

MTQQGAALQNYNNELVKCIEELCQKREELCRQIQQEEDEKQRLQNEVRQLTEKLARVNENLARKIASRNE

FDRTIAETEAAYLKILESSQTLLSVLKREAGNLTKATASDQKSSGGKDS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



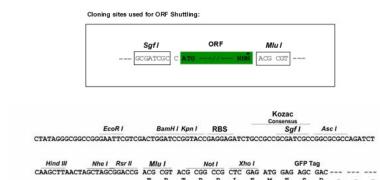
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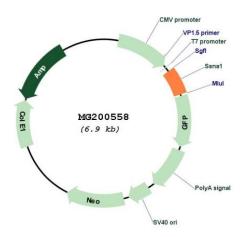


Cloning Scheme:



Pme I Fse I
GAA GAA AGA GTT TAA ACGGCCGGCCGCGGAGCT

Plasmid Map:



ACCN: NM_023464

ORF Size: 357 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: 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 023464.2, NP 075953.1</u>

RefSeq Size: 864 bp
RefSeq ORF: 360 bp
Locus ID: 68475
UniProt ID: Q9||94
Cytogenetics: 2 A3