

Product datasheet for MG226944

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Camta1 (NM_001195565) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Camta1 (NM_001195565) Mouse Tagged ORF Clone

Tag: TurboGFP Symbol: Camta1

Synonyms: 1810059M14Rik; 2310058O09Rik; Al316882; AW987475; mKIAA0833

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide >MG226944 representing NM_001195565
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTGGCGCGCGGAGGGGAAATGGCTGCCGAAAACAAGCCGGAAGAGCGTTTCCCAAAGTGTATTCTGCGGAACTAGCACCTACTGTGTTCTCAACACCGTGCCACCTATAGAAGATGATCATGGGAACAGCAATAGTAGTCATGTAAAAAATCTTTTTACCGAAAAAAGCTGCTTGAATGTCTGCCGAAATGTTCAAGTTTACCCAAAGAG

AGGCACCGCTGGAACACTAATGAGAGATCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG226944 representing NM_001195565

Red=Cloning site Green=Tags(s)

MWRAEGKWLPKTSRKSVSQSVFCGTSTYCVLNTVPPIEDDHGNSNSSHVKIFLPKKLLECLPKCSSLPKE

RHRWNTNERS

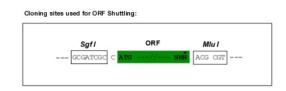
TRTRPLE - GFP Tag - V

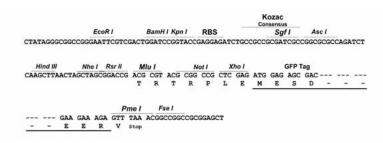
Restriction Sites: Sgfl-Mlul



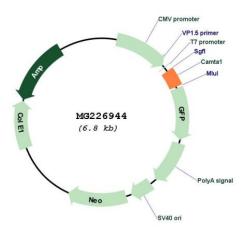


Cloning Scheme:





Plasmid Map:



ACCN: NM_001195565

ORF Size: 240 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



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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 001195565.1</u>, <u>NP 001182494.1</u>

RefSeq Size: 2264 bp
RefSeq ORF: 243 bp
Locus ID: 100072
Cytogenetics: 4 E2

Gene Summary: Transcriptional activator.[UniProtKB/Swiss-Prot Function]