

Product datasheet for **MG226944**

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; AI316882; AW987475; mKIAA0833
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<p>>MG226944 representing NM_001195565 Red=Cloning site Blue=ORF Green=Tags(s)</p> <p>TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGATCGCC</p> <p>ATGTGGCGCGGGAGGGGAAATGGCTGCCGAAAACAAGCCGGAAGAGCGTTTCCCAAAGTGTATTCTGCG GAACTAGCACCTACTGTGTCTCAACACCGTGCCACCTATAGAAGATGATCATGGGAACAGCAATAGTAG TCATGTAAAAATCTTTTACCGAAAAGCTGCTGAATGTCTGCCGAAATGTTCAAGTTTACCCAAAGAG AGGCACCGCTGGAACACTAATGAGAGATCA</p> <p>ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA</p>
Protein Sequence:	<p>>MG226944 representing NM_001195565 Red=Cloning site Green=Tags(s)</p> <p>MWRAEGKWLPKTSRKSVSQSVFCGTSTYCVLNTVPPIEDDHGNSNSSHVKIFLPKLLLECLPKCSSLPKE RHRWNTNERS</p> <p>TRTRPLE - GFP Tag - V</p>
Restriction Sites:	Sgfl-MluI



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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:	<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:	<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]