

## Product datasheet for **MG206043**

### **Snx7 (NM\_029655) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snx7 (NM_029655) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snx7
Synonyms:	2510028H01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG206043 representing NM\_029655  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGGCGAGCGCCTGGCGTCGGCTCCTCGGAGCTGGCGGTGCGGGAGAGCCCGCGGGCGCGCC  
 CGATCCCGAGTGGCAGCGTTCCCTGCAGCCTGCTGCAGGCCGATGTGCTGGATCTGGACGAGGACGAGGA  
 CGACCTGGAGGTGTTTCAGTAAGGATGCCTCCCTGATGGACATGAACCTATTTAGCCCGATGATGCCAACA  
 TCCCTTTGTGCGATGATAAACAGATCAAGTTTGAAGATGGACCAGATTTAAAGGATCTCTTATTACAG  
 TTGATGCACCTGAGAGCCATGTCACTACAATTGAACTTTTCATCACTTACAGGATCGTAACCAAGACATC  
 TCGTGGGGAGTTTGATTCCAGTGAATTTGAAGTCAGGCGACGTTATCAAGATTTCTGTGGTTGAAGGGC  
 AAAGTTGAAGAAGCACACCCCACTCTATTATCCCCATTGCCAGAAAAGTTTATCGTCAAAGGCATGG  
 TGGAACGTTTCAATGATGACTTCATTGAGACCCGAGGAAGCGCTGCACAAGTTTCTGAACAGGATCGC  
 TGACCATCCCACTTTAACATTTAATGAGGATTTCAAGTTTTCTCACTGCACAGGCCGAGGAAGTCTCT  
 TCCTATAAGAAGCAAGGCCCTGGCTTGCTGAGCAGGATGGGACAGACAGTCCGAGCAGTGGCATCTTCCA  
 TGCGAGGAGTGAAGAACCGCCGGAGGAGTTCATGGAGATGAATAACTTCATTGAAACCTTCAGCCAGAA  
 AATAAACTTAATAGATAAAATATCTCAGCGGATTTACAAGGAAGAAAGGGACTATTTTGTGAAATGAAA  
 GAATACGGCCCTATTCATATTCTATGGTCAGCCTCAGAGGAAGAGCTGGTCGACACGTTGAAAGGCATGG  
 CCGGCTGCATTGAGCAGTGTGTAAGGCCACGGAGAAGCGGATGGCTGGCTGTGAGAGGCCCTGTCTCC  
 TGTCGTCACGAGTATGTGCTTTACAGTGAAGTGTAGTGGGTGTTATGAAAAGAAGAGATCAAAATAAA  
 ACTGAACTGGATTTCAAAGTTGAAGCCTTGACCTACAAAAAGCTGACATTGACCTGCTTACAGAGGAAA  
 TCGGAAAACTTGAAGATAAAGTGAATGTGCTAATAATGCCCTGAAAGCAGACTGGGAGCGGTTGGAAGCA  
 GAACATGAAAAATGACCTCAGGTCAGCATTACAGACACGGCAGAGCAGAACATCCGCTACTATGAGCAG  
 TGCTTGAACATGGAATCATTCTCACATCACAGACTGACCTCCCCTCGGAAGAAGATCCGAAGAGA  
 AACTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG206043 representing NM\_029655  
 Red=Cloning site Green=Tags(s)

MDGERLASGSSELAVGESPRGGAPIPSGSGSCLLQADVLDLDEDEDDLEVFSDASLMDMNSFSPMMP  
 SPLSMINQIKFEDGPDLDLKITVDAPESHVTTIETFITRYIVTKTSRGEFDSSEFEVRRRYQDFLWKG  
 KLEEAHPTLIIPPLPEKFIKGMVERFNDDFIETRRKALHKFLNRIADHPTLTFNEDFKVFLTAQAEELS  
 SYKKQGPGLLSRMGQTVRAVASSMRGVKNRPEEFMEMNFIETFSQKINLIDKISQRIYKEERDYFDEMK  
 EYGPIHILWSASEEELVDTLKGMAQCIEQCCKATEKRMAGLSEALLPVVHEYVLYSEMLVGVMKRRDQIQ  
 TELDSKVEALTYKKADIDLLTEEIGKLEDKVECANNAKADWERWKQNMKNDLRSFTDTAEQNIIRYYEQ  
 CLATWESFLTSQTDLPSEEDSEEKL

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_029655

**ORF Size:** 1335 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:** [NM\\_029655.3](#), [NP\\_083931.2](#)

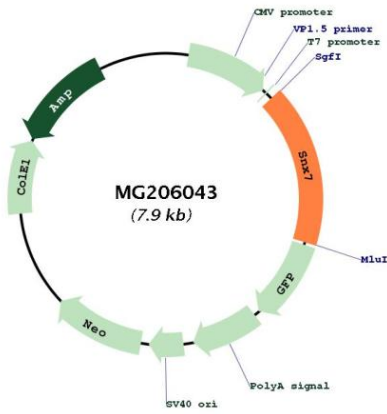
**RefSeq Size:** 2171 bp

**RefSeq ORF:** 1338 bp

**Locus ID:** 76561

**Cytogenetics:** 3 G1

Product images:



Circular map for MG206043