

## Product datasheet for **MG207330**

### **Snx8 (NM\_172277) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snx8 (NM_172277) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snx8
Synonyms:	B130023O14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207330 representing NM\_172277  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACTGGCCCGCGATGGACCCGCTGCCCTCGCCGCGAGTCGCTGCAGCTGCTGAGGCGGAGGCTGACG  
 AGGAGGCGGATCCGCGCGACAGGCCACGAACATCCCAGGTCAGTGGAGGGCCCTGGACCCCGG  
 CGGAATGCAGATGCCGACGGGAACCCACTGCTGCTGTCTACACCCTGCAGGAGCTGCTGGCCAAGGAC  
 ACGGTGCAGTGGAGCTCATCCCTGAGAAGAAGGGCCTTCTTAAAGCATGTGGAGTACGAGTTTCCA  
 GCCAGCGCTTCAAGTCTCCGTGTACAGACGCTACAATGACTTCGTGGTCTTCCATGAAGTCTGCTTCA  
 CAAGTTCCCGTACCGCATGGTTCAGCTCTCCGCCAAGAGAGTGTGGGAGCCGACAGGGAGTTCATC  
 GAGGGCCCGGAGGGCCCTGAAGCGTTCATCAACCTGGTGGCCCGCACCCACCCTTCTCTGAGGACG  
 TGCTCCTTAAACTCTTCTCCTTCAGTGGCTCGGATGTTGAGCACAAGCTCAAGGAGGCGGCCAGTG  
 CGTGGGAGATGAGTTCATGAAGTGAAGTGGCTGCTAGGGCCAAGGACTTCTCCAGCTGACATCCAG  
 ACTCAATTTGCCATGAGCCGGGAGCTGATTCGAAATGTCTACAACAGCTTCTACAAGCTTCGAGACAGAG  
 CCGAGCGGATTGCGTCCCGGGCCATTGACAACGCTGCTGATCTTCTCATATTTGGAAGGAGCTTAGTGC  
 TTTGGGCTCCGACACCACCCTCTGCCCTCTGGGCTGCTCTGCACCTCAGCACATGGGGCTCCCTGAAG  
 CAAGCGCTCAAGGGCCTCTCCGTGGAGTTTGCAGTGTGGCGGACAGAGCTGCACAGCAGGGCAAGAAGG  
 AGGAGAATGATGTAGTGGAGAAGCTGAACCTCTTCTGGATTTGTTGCAGTCTACAAAGACCTGTGTGA  
 GCGGCACGAGAAGGGCGTCTTCAAAACACAGCGGCACTGCACAAGTACGGCCTGATGAAGAGGCAG  
 ATGATGAGTGCAGCGCACGGCCGAGAACCTGAGTCTGTGGAGCAGCTGGAGTACGAATCGTGGAGCAGG  
 AGAACGTGATCCAGACTATGGAACCTCGAAACTACTTCTCCCTACTGCCTGCACCAGGAGACGCAGCT  
 CGTCCACGTCTACCTGCCTCTCACCTCGCACATCCTGGGGCCTTCGTGAACTCCAGATCCAAGGGCAC  
 AAGGAGATGAGCAAGGTGTGAATGACCTGAAGCCGAAGCTGAGTGCCTCTTCGCTGGACCTCACAGTG  
 GTTGACGCCACCGCTCCCGCAGGAGGATGGCGTGTGCCCCAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207330 representing NM\_172277  
 Red=Cloning site Green=Tags(s)

MTGRAMDPLPSPAVAAAAEAEADEEADPPATGPRTSQVTEWRALDPGRMQMPQGNPLLLSYTLQELLAKD  
 TVQVELIPEKKGLFLKHVEYEVSSQRFKSSVYRRYNDVVFHEVLLHKFPYRMVPALPPKRVLGADREFI  
 EGRRRALKRFINLVARHPPFSEDVLLKLFSLFSGSDVQHLKEAAQCVGDEFMNCKLAARAKDFLPADIQ  
 TQFAMSRELIRNVYNSFYKLRDRAERIASRAIDNAADLLIFGKEL SALGSDTTPLPSWAALHLSTWGS  
 LK QALKGLSVEFALLADRAAQGKKEENDVVEKLNFLDLLQSYKDL CERHEKGVLHKHQRALHKYGLMKRQ  
 MMSAAHGREPESVEQLESRIVEQENVIQTMELRNYFSLYCLHQETQLVHVYVPLTSHILGAFVNSQIQGH  
 KEMSKVWNDLKPCLSCLFAGPHSVLTPPRSPQEDGVCPH

**TRTRPLE** - GFP Tag - V

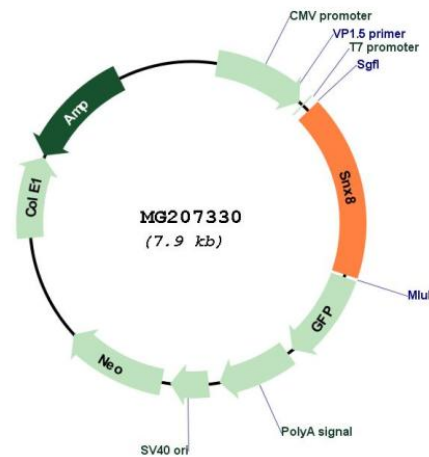
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_172277

**ORF Size:** 1377 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_172277.3</a>
<b>RefSeq Size:</b>	2678 bp
<b>RefSeq ORF:</b>	1380 bp
<b>Locus ID:</b>	231834
<b>UniProt ID:</b>	<a href="#">Q8CFD4</a>
<b>Cytogenetics:</b>	5 G2
<b>Gene Summary:</b>	May be involved in several stages of intracellular trafficking. May play a role in intracellular protein transport from early endosomes to the trans-Golgi network (By similarity). [UniProtKB/Swiss-Prot Function]