

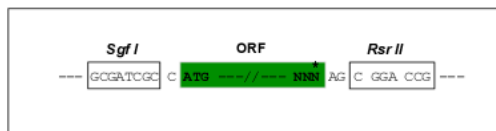
## Product datasheet for **MG202067**

### **Snx10 (NM\_028035) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Snx10 (NM_028035) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snx10
Synonyms:	2410004M09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-RsrII
Cloning Scheme:	

Cloning sites used for ORF Shutting:



Cloning sites used for ORF Shutting:

```

      EcoR I      BamH I Kpn I      RBS      Kozac Consensus      Sgf I      Asc I
      CTATAGGCGGCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGGCCGCCAGATCT

      Hind III     Nhe I  Rsr II     Mlu I      Not I      Xho I      GFP Tag
      CAAGCTTAAGTACTAGTAGGGACCG  ACG CGT  ACG CGG  CCG  CTC GAG  ATG GAG  AGC GAC  ---
      T R T R P L E M E S D - - -

      Pme I      Fse I
      --- GAA GAA AGA GTT TAA ACGGCCGGCCGGAGCT
      - - E E R V Stop
  
```

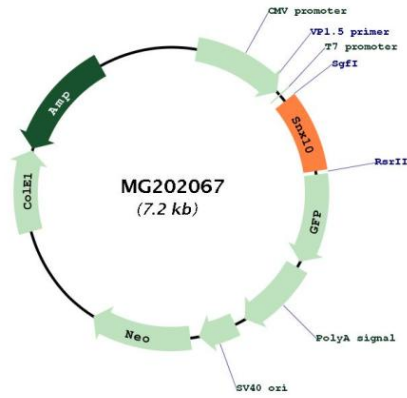
ACCN:	NM_028035
ORF Size:	606 bp



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<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	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_028035.4</a> , <a href="#">NP_082311.3</a>
<b>RefSeq Size:</b>	2566 bp
<b>RefSeq ORF:</b>	606 bp
<b>Locus ID:</b>	71982
<b>UniProt ID:</b>	<a href="#">Q9CWT3</a>
<b>Cytogenetics:</b>	6 B3
<b>Gene Summary:</b>	Probable phosphoinositide-binding protein involved in protein sorting and membrane trafficking in endosomes. Plays a role in cilium biogenesis through regulation of the transport and the localization of proteins to the cilium. Required for the localization to the cilium of V-ATPase subunit ATP6V1D and ATP6V0D1, and RAB8A. Involved in osteoclast differentiation and therefore bone resorption.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG202067