

## Product datasheet for **MG223260**

### **Snx29 (NM\_028964) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snx29 (NM_028964) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snx29
Synonyms:	4933437K13Rik; ENSMUSG00000079738; Gm930; Gm1737; Gm11170; Rundc2a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG223260 representing NM\_028964  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGGGTCGAGAATGATGACAGAAGCAATTCCTGCTGGAGCGGCTGCTGGATGCAGTGAAGCAGT  
 GCCAGATCCGCTTTGGAGGGAGAAAGGAGATCGCCTCAGATTCCGACAGCAGGGTGACCTGTCTGTGTGC  
 CCAAGTTTGAAGCCGTCCTTCAGCATGGCATGAAGAGGAGCCGAGGATTAGCACTCACGGCTGCAGCCATC  
 AAACAGGCAGCAGGCTTCACCAGCAAGACCGAAACAGAGCCCGTGTCTGGGTCTACGTGAAGGAGGTCC  
 TCAATAAGCACGAGCTGCAGCGCTTCTACTCCCTGCACCACATCACCTCCGATGCTGGCCGAGGCCGGGC  
 CTGGCTGCGCTGCGCCCTAAATGAGCACTCCCTCGAGCGCTACCTGCACATGCTGCTGGCTGACCGTGCC  
 AGGCTCAGCACATTCTATGAAGATTGGTCTTTGTGATGGATGAAGAAAGGTCCAGCATGCTCCCTACCA  
 TGCCAGCTGGTCTGAATCCATACTCTTTGCAATTAACATTGACAATAAGGATTTGAATGGGCAGAGCAA  
 ATTTGCTCCCACTGTCTCTGACCTCTTAAAGGAGTCAACGCAGAATGTGACATCTTTGCTGAAGGAGTCC  
 ACACAGGGCATGAGCAGCCTTCTCAGGGAGATCACAGCATCCTCTGCTGTCTCCATTCTCATCAAGCCAG  
 AGCAGGAGACTGACCCTCTGCCTGTCATATCCAAGAACGTTTCATGTTGATACCCGATGTAAGGAGGAGCG  
 GAGAAGGAGGAAGAAGGTGACCAACATTGTCTCTTTTGATGATGATGAGGAGGAGCAGGGTACTGGGGAC  
 ACTTTAAAAAAGATGCCTGGGACTGCAGAAAGCTCGGAGGAGAAGCTGACCCGATCCTCCGTCACATCA  
 TGGCAGCCTTTGAAGGCACCTTTGGGCCAAATCCAACGGGAGCCAGAGCAGCAGCTCATGGAAGATTGA  
 TTCTGCGTCTTTGAATGGGGAGCTGGGCTACCAGAAGCTTGTGATGAAGAGCATTGATGACGACGTGGAT  
 GAGAACGAGGAGGATGCGTACAGGAGCCCGCTAGGAAGGGGCACACTGGCCACGCGGAGTCGCCAGACA  
 GGACACTGGATGGGAACGCTGCCTGGCCAGGTCATGGCTGGGCTCCACTGCAGGTTCATGAGGAGGAG  
 TCGCGATGCTGACACTGATGTACTCTTCCCTGTCAAGTGGAGTGGGCTCCTATGGTGCAGCAGATGCCCT  
 GTGGGAAGTCTGGAGAATGGAACAGGAACAGAAAACCATATAATCCCAGAGCCTGGCCTTCGGTACAGGG  
 AAGCCAGTTCTCCAGGCCAAGGAAGTCTCTGAGCAGCTTGTACCTTCTGCCTCAGTGCCTGAGTCCAT  
 GACAGTCCATGAACTGCGCCAAGCCATCGTGGCCATGATGAACAGAAAGGATGAATTGGAAGAAGAGAAT  
 GGGTCACTGCGGAATCTCCTTGACGGTGAGATGGAGCACTCAGCAGCGCTCCGGCAAGAGGTGGATGCC  
 TGAGGCCGAAGGTGACAGAACAGCAGGAGCGCCATGCCACAAAGTCCAGGCACTGGCCAGAGAAAACGA  
 GGTGCTCAAAGTCCAGCTGAAGAAATATGTAGGAGCTGTCCAGATGCTGAAAAGAGAAGGTCAAACAGCT  
 GAAGCTGTACCTAGTCTCTGGAACGTTGATGCAGAAGTCAAGTCCCTGAACAGAAAGCCTGGGGAAGTTG  
 CTGAGGAACTAGCAAGCTCTACGAGAGGAAACTATTGAGGTGGCTGAGATGCATGGGGAGCTGATTGA  
 GTTCAACGAGCGTCTACACAGGGCCCTGGTGGCCAAGGAAGCCCTGGTGTCCCAAATGAGGCAGGAGCTG  
 ATTGACCTCCGAGGACCGGTGCCTGGAGATTTGAGCCAAACATCTGAAGATCAGAGTTTGTCCGATTTTG  
 AAATATCAAAATCGGGCACTGATCAATGTCTGGATCCCCTGTGTTTTCTCCGAGGCAAAGCAGCCAAATGC  
 GTTCCATGTGTATCAGGTCTACATTCGGATAAAAAGACGATGAGTGGAAATGTGTATCGGAGGTACACCGAG  
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 AGGCCATCGGAAACAAGGATGCCAAGTTTGTGGAAGAGCGCGAAAGCAACTCCAGAGCTACCTACGCAG  
 CGTCATGAACAAGGTATCCAGATGGTGCCTGAGTTTGTGCTGCCAACCCCAAGAAGGAGACCCTGGTGCAG  
 CTGGTGCCTTTCTTTGTGGACATCACCCACCTGGAGAACCCTGAAACAAGAGCAGCAGGCCCAAGCAG  
 TTTCCCGCTTCCCTAAGCTGTCCCGAGGCCACCCAGGAGGTGCGCAACGTGGAACCTCAAAGTGGTGA  
 CCTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG223260 representing NM\_028964  
Red=Cloning site Green=Tags(s)

MSGSQNDDRRQFLLERLLDAVKQCQIRFGGRKEIASDSDSRVTCLCAQFEAVLQHGMKRSRGLALTAAAI  
KQAAGFTSKTETEPVFWVYVKEVLNKHELQRFYSLHHITSDAGRRAWLRALNEHSLERYLHMLLADRA  
RLSTFYEDWSFVMDEERSMPLPTMAAGLNSILFAINIDNKDLNGQSKFAPTVDLLKESTQNVTSLLKES  
TQGMSSLLREITASSAVSILIKPEQETDPLPVIKSNVHVDTRCKRERRRRKVTNIVSFDDDEEQGTGD  
TLKKMPGTAESSEENSRRSSVNIMAAFEGTFGPNSNGSQSSSWKIDSASLNGELGYQKLDVKSIDDDVD  
ENEEDAYRSPLGRGHTGHAESPDRITLDGNACLAQVHGWAFLQVLHGDADADTDVLFVSGVGSYGADAP  
VGSLNGTG TENHI IPEPGLRYREASSPGQGSPLSSLLPSASVPESMTVHELRLQAI VAMMNRKDELEEN  
GSLRNLLDGEMESAALRQEVDA LRRKVT EQQRHATKVQALARENEVLKVQLKYYGAVQMLKREGQTA  
EAVPSLWNVDAEVTVPEQKPGVEAEELASSYERKLI EVAEMHGEL IEFNERLHRALVAKEALVSQMRQEL  
IDL RGPVPGDLSQTS EDQSL SDFEISNRALINWIPSVFLRGKAANAFHVYQVYIRIKDDEWNVYRRYTE  
FRALHHQLQSAFPQVRAYSFPKKAIGNKDAKFVEERRKQLQSYLR SVMNKVIQMVPEFAANPKKETLVQ  
LV PFFVDITPPGEPLNKSSRPKAVSRFPKLSRGHPREVRNVEPQSGDL

TRTRPLE - GFP Tag - V

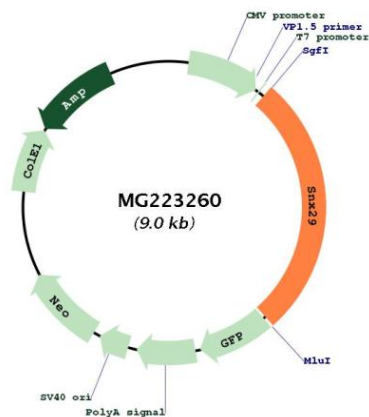
**Chromatograms:** [https://cdn.origene.com/chromatograms/ja2103\\_a10.zip](https://cdn.origene.com/chromatograms/ja2103_a10.zip)

**Restriction Sites:** Sgfl-Mlul



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"><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>
RefSeq:	<a href="#">NM_028964.4</a> , <a href="#">NP_083240.2</a>
RefSeq Size:	1622 bp
RefSeq ORF:	2457 bp
Locus ID:	74478
UniProt ID:	<a href="#">Q9D3S3</a>
Cytogenetics:	16 A1

### Product images:



Circular map for MG223260