

## Product datasheet for **MR223260**

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

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snx29 (NM_028964) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx29
Synonyms:	4933437K13Rik; ENSMUSG00000079738; Gm930; Gm1737; Gm11170; Rundc2a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR223260 representing NM\_028964  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGGGTCGAGAATGATGACAGAAGCAATTCCTGCTGGAGCGGCTGCTGGATGCAGTGAAGCAGT  
 GCCAGATCCGCTTTGGAGGGAGAAAGGAGATCGCCTCAGATTCCGACAGCAGGGTGACCTGTCTGTGTGC  
 CCAAGTTGAAGCCGTCCTTCAGCATGGCATGAAGAGGAGCCGAGGATTAGCACTCACGGCTGCAGCCATC  
 AAACAGGCAGCAGGCTTCACCAGCAAGACCGAAACAGAGCCCGTGTCTGGGTCTACGTGAAGGAGGTCC  
 TCAATAAGCACGAGCTGCAGCGCTTCTACTCCCTGCACCACATCACCTCCGATGCTGGCCGAGGCCGGGC  
 CTGGCTGCGCTGCGCCCTAAATGAGCACTCCCTCGAGCGCTACCTGCACATGCTGCTGGCTGACCGTGCC  
 AGGCTCAGCACATTCTATGAAGATTGGTCTTTGTGATGGATGAAGAAAGGTCCAGCATGCTCCCTACCA  
 TGCCAGCTGGTCTGAATCCATACTCTTTGCAATTAACATTGACAATAAGGATTTGAATGGGCAGAGCAA  
 ATTTGCTCCCACTGTCTCTGACCTCTTAAAGGAGTCAACGCAGAATGTGACATCTTTGCTGAAGGAGTCC  
 ACACAGGGCATGAGCAGCCTTCTCAGGGAGATCACAGCATCCTCTGCTGTCTCCATTCTCATCAAGCCAG  
 AGCAGGAGACTGACCCCTCTGCTGTATATCCAAGAACGTTTCATGTTGATACCCGATGTAAGGAGGAGCG  
 GAGAAGGAGGAAGAAGGTGACCAACATTGTCTCTTTGATGATGATGAGGAGGAGCAGGGTACTGGGGAC  
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 TGGCAGCCTTTGAAGGCACCTTTGGGCCAAATCCAACGGGAGCCAGAGCAGCAGCTCATGGAAGATTGA  
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 GAGAACGAGGAGGATGCGTACAGGAGCCCGCTAGGAAGGGGCACACTGGCCACGCGGAGTCGCCAGACA  
 GGACACTGGATGGGAACGCTGCCTGGCCAGGTCCATGGCTGGGCTCCACTGCAGGTGCTTCATGAGGAG  
 TCGCGGATGCTGACACTGATGTACTCTTCCCTGTCAAGTGGAGTGGGCTCCTATGGTGCAGCAGATGCCCT  
 GTGGGAAGTCTGGAGAATGGAACAGGAACAGAAAACCATATAATCCCAGAGCCTGGCCTTCGGTACAGGG  
 AAGCCAGTTCTCCAGGCCAAGGAAGTCTCTGAGCAGCTTGTACCTTCTGCCTCAGTGCCTGAGTCCAT  
 GACAGTCCATGAATGCGCCAAGCCATCGTGGCCATGATGAACAGAAAGGATGAATTGGAAGAAGAGAAT  
 GGGTCACTGCGGAATCTCCTTGACGGTGAAGTGGAGCACTCAGCAGCGCTCCGGCAAGAGGTGGATGCC  
 TGAGGCGGAAGGTGACAGAACAGCAGGAGCGCCATGCCACAAAGTCCAGGCACTGGCCAGAGAAAACGA  
 GGTGCTCAAAGTCCAGCTGAAGAAATATGTAGGAGCTGTCCAGATGCTGAAAAGAGAAGGTCAAACAGCT  
 GAAGCTGTACCTAGTCTCTGGAACGTTGATGCAGAAGTCAAGTCCCTGAACAGAAAGCCTGGGGAAGTTG  
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 GTTCAACGAGCGTCTACACAGGGCCCTGGTGGCCAAGGAAGCCCTGGTGTCCCAATGAGGCAGGAGCTG  
 ATTGACCTCCGAGGACCGGTGCCTGGAGATTTGAGCCAAACATCTGAAGATCAGAGTTTGTCTGGATTTTG  
 AAATATCAAAATCGGGCACTGATCAATGTCTGGATCCCCTGTGTCTTCTCCGAGGCAAAGCAGCCAAATGC  
 GTTCCATGTGTATCAGGTCTACATTCGGATAAAAAGACGATGAGTGGAAATGTGTATCGGAGGTACACCGAG  
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 CCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR223260 representing NM\_028964  
Red=Cloning site Green=Tags(s)

MSGSQNDDRRQFLLERLLDAVKQCQIRFGGRKEIASDSDSRVTCLCAQFEAVLQHGMKRSRGLALTAAAI  
KQAAGFTSKTETEPVFWVYVKEVLNKHELQRFYSLHHITSDAGRRAWLRCALNEHSLERYLHMLLADRA  
RLSTFYEDWSFVMDEERSMPLPTMAAGLNSILFAINIDNKDLNGQSKFAPTVSDDLKESTQNVTSLLKES  
TQGMSSLLREITASSAVSILIKPEQETDPLPVIKSNVHVDTRCKRERRRRKVTNIVSFDDDEEEQGTGD  
TLKKMPGTAESSEENSRRSSVNIMAAFEGTFGPNSNGSQSSSWKIDSASLNGELGYQKLDVKSIDDDVD  
ENEEDAYRSPLGRGHTGHAESPDRITLDGNACLAQVHGWAFLQVLHGDADADTDVLFVSGVGSYGADAP  
VGSLNGTG TENHI IPEPGLRYREASSPGQGSPLSSLLPSASVPESMTVHEL RQAIVAMMNRKDELEEN  
GSLRNLLDGEMESAALRQEV DALRRK VTEQ QERHATKVQALARENEVLKVQLKYYGAVQMLKREGQTA  
EAVPSLWNVDAEVTVPEQKPGVEAEELASSYERKLI EVAEMHGEL IEFNERLHRALVAKEALVSQMRQEL  
IDL RGPVPGDLSQTS EDQSL SDFEISNRALINWIPSVFLRGKAANAFHVYQVYIRIKDDEWNVYRRYTE  
FRALHHQLQSAFPQVRAYSFPKKAIGNKDAKFVEERRKQLQSYLR SVMNKVIQMVPEFAANPKKETLVQ  
LV PFFVDITPPGEPLNKSSRPKAVSRFPKLSRGHPREVRNVEPQSGDL

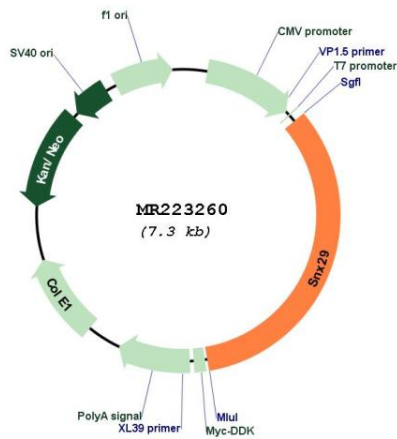
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9079\\_d05.zip](https://cdn.origene.com/chromatograms/mm9079_d05.zip)

**Restriction Sites:** Sgfl-Mlul



<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>	<u><a href="#">NM_028964.4</a></u> , <u><a href="#">NP_083240.2</a></u>
<b>RefSeq Size:</b>	2677 bp
<b>RefSeq ORF:</b>	2457 bp
<b>Locus ID:</b>	74478
<b>UniProt ID:</b>	<u><a href="#">Q9D3S3</a></u>
<b>Cytogenetics:</b>	16 A1
<b>MW:</b>	91.4 kDa

**Product images:**


Circular map for MR223260