

## Product datasheet for **MR230103**

### **Snx29 (NM\_001290148) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snx29 (NM_001290148) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx29
Synonyms:	4933437K13Rik; ENSMUSG00000079738; Gm930; Gm1737; Gm11170; Rundc2a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>MR230103 representing NM\_001290148  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACAGCCTCTGTCCAGTGTACAGCGGCATCATGATTGAAGAGTCTGCAGAGAAGCCGGGCGAGGAGC  
 TGAGCAGTGATGAATGGCTTACTGAGACACTGGATGGGAACGCCTGCCTGGCCCAGGTCCATGGCTGGGC  
 TCCACTGCAGGTGCTTTCATGGAGATGCGGATGCTGACACTGATGTACTCTTCCCTGTCACTGGAGTGGGC  
 TCCTATGGTGCAGCAGATGCCCTGTGGGAAGTCTGGAGAATGGAACAGGAACAGAAAACCATATAATCC  
 CAGAGCCTGGCCTTCGGTACAGGAAGCCAGTTCTCCAGGCCAAGGAAGTCTCTGAGCAGCTTGTCTACC  
 TTCTGCCTCAGTGCCTGAGTCCATGACAGTCCATGAAGTGCGCCAAGCCATCGTGGCCATGATGAACAGA  
 AAGGATGAATTGGAAGAAGAGAATGGGTCCTGCGGAATCTCCTTGACGGTGAGATGGAGCACTCAGCAG  
 CGCTCCGGCAAGAGGTGGATGCCCTGAGCGGAAGGTGACAGAACAGCAGGAGCGCCATGCCACAAAGGT  
 CCAGGCACTGGCCAGAGAAAACGAGGTGCTCAAAGTCCAGCTGAAGAAATATGTAGGAGCTGTCCAGATG  
 CTGAAAAGAGAAGGTCAAACAGCTGAAGCTGTACCTAGTCTCTGGAACGTTGATGCAGAAGTCAAGTCC  
 CTGAACAGAAGCCTGGGGAAGTTGCTGAGGAAGTCAAGCTCCTACGAGAGGAAACTATTGAGGTGGC  
 TGAGATGCATGGGGAGCTGATTGAGTTCAACGAGCGTCTACACAGGGCCCTGGTGGCCAAGGAAGCCCTG  
 GTGTCCAAATGAGGCAGGAGCTGATTGACCTCCGAGGACCGGTGCCTGGAGATTGAGCCAAACATCTG  
 AAGATCAGAGTTTGTGGATTTTGAAATATCAAATCGGGCACTGATCAATGTCTGGATCCCGTCTGTGTT  
 TCTCCGAGGCAAAGCAGCCAATCGTTCATGTGTATCAGGTCTACATTCGGATAAAAGACGATGAGTGG  
 AATGTGTATCGGAGGTACACCGAGTTCGGGCGCTGCACCACAGCTACAGAGTGCCTTCCCGCAAGTGA  
 GGGCCTACAGTTTCCACCCAAAAGGCCATCGAAAACAAGGATGCCAAGTTTGTGAGAAGCGGGCGAAA  
 GCAACTCCAGAGCTACCTACGCAGCGTCATGAACAAGGTCAATCCAGATGGTGCCTGAGTTTGTGCCAAC  
 CCCAAGAAGGAGACCCTGGTGCAGCTGGTGCCTTCTTTGTGGACATCACCCACCTGGAGAACCCTGA  
 ACAAGAGCAGCAGGCCCAAAGCAGTTTCCCGCTTCCCTAAGCTGTCCCGAGGCCACCCAGGGAGGTGCG  
 CAACGTGGAACCTCAAAGTGGTACCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230103 representing NM\_001290148  
 Red=Cloning site Green=Tags(s)

MDSLCPVYSGIMIEESAEPKQELSSDEWL TETLDGNACLAQVHWAPLQVLHGDADADTDVLPVSGVG  
 SYGAADAPVGSLENGTGTENHI IPEPGLRYREASSPGQSPLSLLPSASVPESMTVHEL RQAI VAMN R  
 KDELEEENGLRNLLDGEMEHSALRQVDALRRKVTEQQRHATKVQALARENEVLKVQLKKYVGAVQM  
 LKREGQTAEAVPSLWNVDAEVTVPEQKPGVAEELASSYERKLEVAEMHGELIEFNERLHRALVAKEAL  
 VSQMRQELIDLRGPVPGDLSQTSQSLSDFEISNRALINWVIPSVFLRGKAANAFHVYQYIRIKDDEW  
 NVYRRYTEFRALHHQLQSAFPQVRAYSFPKKAIGNKDAKFVEERRKQLQSYLRSMNKVIQMVPEFAAN  
 PKKETLVQLVPPFVDITPPGEPLNKSSRPKAVSRFPKLSRGHPREVRNVEPQSGDL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

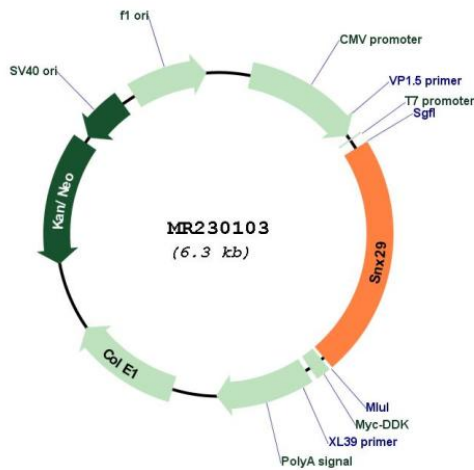
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_001290148

**ORF Size:**

1428 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\\_001290148.1](#), [NP\\_001277077.1](#)

**RefSeq Size:** 1628 bp

**RefSeq ORF:** 1431 bp

**Locus ID:** 74478

**UniProt ID:** [Q9D3S3](#)

**Cytogenetics:** 16 A1

**MW:** 53.6 kDa