

## Product datasheet for **MG211568**

### **Snx26 (BC061471) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Snx26 (BC061471) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snx26
Synonyms:	AW324378; NOMA-GAP; Snx26; TCGAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG211568 representing BC061471 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCACCTACAGAGGATCGGAGCTGGTGGCGGGCAAACGGGGCTTCCAGGTTGGTTTCTTCCCCAGTG  
AGTGTGTGGAACCTTACCGAGAGGCCAGGGCTGGCCTAAAGGCAGATGCTGACAGTCCCCTGTGTGG  
CATCCCAGCTCCCAGGGCATCTTCTCTGACCTCAGCTGTGCCCGGCCACGTGGGAAGCTGGCAGGA  
CTCCTCCGCACCTTCATGCGCTCTGCTCCTTCTGCCAGCGGCTGCGCCAACGGGGAATCCTGCGGCAGA  
GGGTGTTTGGTTGTGATCTTGGAGAGCACCTCAGCAACTCAGCCAAGACGTGCCCAAGTCTGTGCTG  
CTGCTCTGAGTTTATTGAGGCCATGGTGTGGTGGATGGAATCTACAGGCTCTCTGGCGTGTCTCCAAC  
ATCCAGAGGCTTCGGCATGAGTTTGATAGTGAGAGGATCCCTGAGCTGTCTGGCCCCGCTTCTACAAG  
ATATCCACAGTGTGTCCTCCCTCTGCAAGCTCTACTTCCGGGAACTGCCCAACCCCTTGCTCACCTACCA  
GCTCTATGGGAAGTTCAGTGAGGCTATGTCAGTGCCTGGGAGGAAGAAGCGCTAGTGCGAGTGCATGAC  
GTCATCCAGCAGCTGCCTCCACCACACTACAGGACCCTGGAGTACCTGCTGAGGCACCTGGCCCCGATGG  
CAAGACACAGCGCTAACACCAGCATGCATGCCCGCAACCTGGCCATTGTCTGGGCACCAACCTGCTACG  
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CCCTCACACCGCACCTCAGCCTGGCTAGATGATGGCGATGATCTGGATTTAGTCCACCCCGCTGTCTGG
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ACCTCTGCCAGCCAGCACCTCCAGCCTCAGCCTCTGCCTTCCCACCTCGGGCAACCCACAGGCTCTG
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CAGCCCTCATCTCATCCCCCTGCTGCTGCGTGGAGCTGAGGCCAGCTAAGTGACACCTGTACAGCAGG
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CATGCCTCCCAGCAGGATAATGCCTCCTATGGTATGCTTGGCCAGTACCACCGCTCCACAGTCCCCT
GATTTCTGCTCAGTACCCGCTCCCCCTCTGCTTCCCCAGAGCACCTTACCCACTCAGTTTAC
AGCGCCTTGGCCGGCGCCTACCCGCTCTGAGCCCTCTATGTCAACCTAGCCCTAGGGCCAGGGGCC
TTCACCTGCCTCTTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
GGGTTTCCCCGAACCTTTCTGCTCTATAGGCCAGCTCCACCATCTATGGGAGGGGAGGGGAGTCCG
AGGATCTTGTACAGAAATGGAGGACATAGAGGAGAGGGGGCTGGTCCCCCTCTCTTACCCACACCC
AGCTGTCCTTACATTAGAAGGACAGACCAGAAGTTACTGC
    
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>MG211568 representing BC061471  
 Red=Cloning site Green=Tags(s)

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MPPTEDRSWWRGKRGFQVGFPPSECVLFTERPGLKADADSPLCGIPAPQGISSLTSVAPRPRGKLAG
LLRTRFMRSRPSRQRLRQRGILRQRVFGCDLGEHLSNSGQDVPQVLCCESEFIEAHGVVDGIYRLSGVSSN
IQRLRHEFDSERIPELSGPAFLQDIHVSSSLCKLYFRELNPPLLTYQLYGKFSEAMSVPGEEERLVRVHD
VIQQLPPPHYRTLEYLLRHLARMARHSANTSMHARNLAIWVAPNLLRSMELSVGLGGAAAFREVRVQSV
VVEFLLTHVEVLFSDTFTSAGLDPAGRCLLPRPKSLAGSSPSTRLLTLEEAQARTQGRGTPTPTPKT
PASPVERRKRERAERKQKPPGGSSWKTFFALGRGPSIPRKKPLPWLGGSRAPPQPSGSRPDTVTLRSKSE
ESLSSQASGAGLQRLHRLRRPHSSDAFPVGPAPAGSCELSSSSSSSSSSSSSSESSAGGLGPLSGS
PSHRSAWLDGDDLDFSPPRCLEGLRGLDFDPLTFRCSSPTPGDPAPPASPAPPASAFPPRATPQAL
SPHGPTKPASPTALDISEPLAVSVPPAVLELLGAGGTPASATPTPALSPHLIPLLLRGAEQQLSDTCQQE
ISSKLAPTRGAPGQQSPGGMDSPLPPPLPLLRPGGAPPPPKNPARLMALALAEQAQVVAEQSQEQEQG
GTTPAPHSPFRRSLSLEVGGEVGTSGSGIHPPSLAHPGAWAGPPPYLPRQQSDGSLVRSQRPLGTSRR
SPRGPSQVSAHLRASGAYRDAPEMAAQSPCSVPSQGSNPSFFSTPRECLPPFLGVPKQGLYSLGPPSFPP
SSPAPVWRNSLGAPALDRGENLYYEIGVGEGETSYSGPSRSWSPFRSMPPDRHNASYGMLGQSPPLHRSP
DFLLSYPPPPSCFPPEHLTHSVSQRLARRPTRPEPLVNLALGPRGSPASSSSSPPAHPRSRSDPGPP
VPRLPQKQRAPWGPHTPHRVPGWGSPEPFLLYRPAPPSYGRGGEVRGSLYRNGGHRGEGAGPPPPYPTP
SWSLHSEGTQTRSYC
    
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TRTRPLE – GFP Tag – V

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** BC061471

**ORF Size:** 3192 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:** [BC061471.1](#)

**RefSeq Size:** 3646 bp

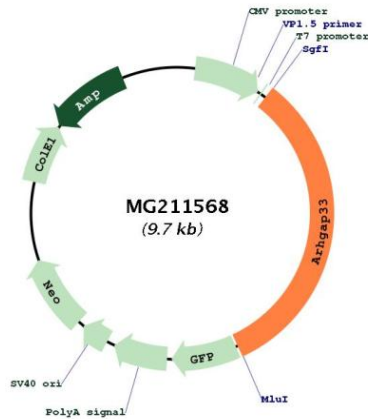
**RefSeq ORF:** 3194 bp

**Locus ID:** 233071

**Cytogenetics:** 7 B1

**Gene Summary:** May be involved in several stages of intracellular trafficking (By similarity). Could play an important role in the regulation of glucose transport by insulin. May act as a downstream effector of RHOQ/TC10 in the regulation of insulin-stimulated glucose transport. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG211568