

Product datasheet for MR211568

Snx26 (BC061471) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx26 (BC061471) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx26
Synonyms:	AW324378; NOMA-GAP; Snx26; TCGAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211568 representing BC061471 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCACCTACAGAGGATCGGAGCTGGTGGCGGGCAAACGGGGCTTCCAGGTTGGTTTCTTCCCCAGTG
AGTGTGTGGAACCTTACCGAGAGGCCAGGGCCTGGCCTAAAGGCAGATGCTGACAGTCCCCTGTGTGG
CATCCCAGCTCCCAGGGCATCTTCTCTGACCTCAGCTGTGCCCGGCCACGTGGGAAGTGGCAGGA
CTCCTCCGCACCTTCATGCGCTCTGCTCTTCTGCCAGCGGCTGCGCCAACGGGGAATCCTGCGGCAGA
GGGTGTTTGGTTGTGATCTTGGAGAGCACCTCAGCAACTCAGGCCAAGACGTGCCCAAGTGTGTGCTG
CTGCTCTGAGTTTATTGAGGCCATGGTGTGGTGGATGGAATCTACAGGCTCTCTGGCGTGTCTCCAAC
ATCCAGAGGCTTCGGCATGAGTTTGATAGTGAGAGGATCCCTGAGCTGTCTGGCCCCGCTTCTACAAG
ATATCCACAGTGTGTCCTCCCTCTGCAAGCTCTACTTCCGGGAACTGCCCAACCCCTTGCTCACCTACCA
GCTCTATGGGAAGTTCAGTGAGGCTATGTCAGTGCCTGGGGAGGAAGAAGCGCTAGTGCGAGTGCATGAC
GTCATCCAGCAGCTGCCTCCACCACACTACAGGACCCTGGAGTACCTGCTGAGGCACCTGGCCCCGATGG
CAAGACACAGCGCTAACACCAGCATGCATGCCCGCAACCTGGCCATTGTCTGGGCACCCAACCTGCTACG
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GTGGTGGAGTTCCTGCTTACCCAGTGGAGTTCTGTTACAGGATACGTTACCTCTGTGCCTGGGAGG
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CCAGCCTCACCAGTGGAAAGGAGGAAAAGAGAGAGGGCGGAGAAACAAAGGAAGCCAGGAGGTAGCAGCT
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GAGTCTGTGTCATCCAGGCCAGCGGGCTGGCCTCCAGAGGCTGCACCGGCTGCGACGACCCCACTCCA
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CCCTCACACCGCACCTCAGCCTGGCTAGATGATGGCGATGATCTGGATTTAGTCCACCCCGCTGTCTGG
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 CAGCCCTCATCTCATCCCCCTGCTGCTGCGTGGAGCTGAGGCCAGCTAAGTGACACCTGTCAGCAGGAG
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 TCTCATGGCCCTGGCCTTGGCTGAGCGAGCTCAGCAGGTAGCAGAGCAACAGAGCCAACAAGAGCAGGGG
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 AGTCCCAGAGGGCCTTCCAGGTGAGTCCCATCTCAGGGCAAGCGGGGCTTACAGGGATGCTCCAGAGA
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 CATGCCTCCCGACAGGCATAATGCCTCCTATGGTATGCTTGGCCAGTACCACCGCTCCACAGTCCCT
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 AGCGCCTTGCCGGCGCCTACCCGCTCTGAGCCCTCTATGTCAACCTAGCCCTAGGGCCAGGGGCC
 TTCACCTGCCTCTTCTCCTCTCTCTCTCTGCCCACCCAGGAGCCGGTCAGATCCTGGGCCTCCT
 GTTCCCCGCTCCCTCAGAAACAGCGGGCTCCTTGGGGTCCACATACTCCCATCGGGTGCCTGGACCT
 GGGGTTCCCCGAACCTTTCTGCTCTATAGGCCAGCTCCACCATCTATGGGAGGGGAGGGGAGTCCG
 AGGATCCTTGTACAGAAATGGAGGACATAGAGGAGAGGGGGCTGGTCCCCCTCTCTTACCCACACCC
 AGCTGTCCTTACATTAGAAGGACAGACCAGAAGTTACTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR211568 representing BC061471
 Red=Cloning site Green=Tags(s)

MPPTEDRSWWRGKRGFQVGFPPSECVELFTERPGPLKADADSPLCGIPAPQGISSLTSAVPRPRGKLAG
 LLRTFMRSRPSRQRLRQRGILRQRFVFGCDLGEHLSNSGQDVPQVLCCESEFIEAHGVVDGIYRLSGVSSN
 IQRLRHEFDSERIPELSGPAFLQDIHSVSSLCKLYFRELPNLLTYQLYGKFSEAMSVPGEEERLVRVHD
 VIQQLPPPHYRTLEYLLRHLARMARHSANTSMHARNLAIWVAPNLLRSMELSVLGGAAAFREVRVQSV
 VVEFLLTHVEVLFSDFTSAGLDPAGRCLLPRPKSLAGSSPSTRLLTLEEAQARTQGRGTPTPTPKT
 PASPVERRKRERAERKQKPGGSSWKTFFALGRGPSIPRKKPLPWLGGSRAPPQPSGSRPDTVTLRSKSE
 ESLSSQASGAGLQRLHRLRRPHSSSDAFVGPAPAGSCELSSSSSSSSSSSSSSESSAGGLGPLSGS
 PSHRTSAWLDGDDLDSPPRCLEGLRGLDFDPLTFRCSSPTPGDPAPPASPAPPASAFPPRATPQAL
 SPHGPTKASPTALDISEPLAVSVPPAVLELLGAGGTPASATPTPALSPHLIPLLLRGAEAQLSDTCQQE
 ISSKLAPTRGAPGQQSPGGMDSPLPPPLPLLRPGGAPPPKPNPARLMALALAEQAQVVAEQSQEQEQG
 GTPPAPHSPFRRSLSLEVGGEVGTSGSGIHPPSLAHPGAWAPGPPPYLPRQSDGSLVRSQRPLGTSRR
 SPRGPSQVSAHLRASGAYRDAPEMAAQSPCSVPSQGSNPFSTPRECLPPFLGVPKQGLYSLGPPSFPP
 SSPAPVWRNSLGAPSLDRGENLYEIGVGEGETSYSGPSRSWSPFRSMPPDRHNASYGMLGQSPPLHRSP
 DFLLSYPPPPSCFPPEHLTHSVSQRLARRPTRPEPLVYNLALGPRGPSPASSSSSPAHPRSRSDPGPP
 VPRLPQQRAPWGPHTPHRVGPWGSPEPFLLYRPAPPSYGRGGEVYRGSLYRNGGHRGEGAGPPPYPTP
 SWSLHSEGQTRSYC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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

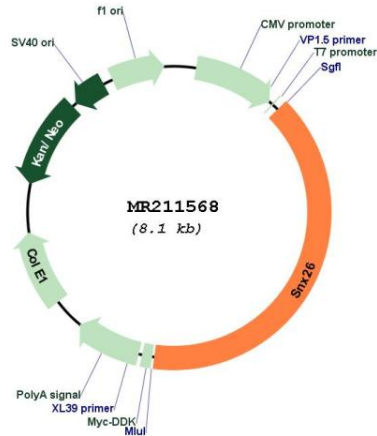
Locus ID: 233071

Cytogenetics: 7 B1

MW: 133.7 kDa

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 MR211568