

Product datasheet for **MR209392**

Snx25 (BC054725) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx25 (BC054725) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx25
Synonyms:	SBB131
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209392 representing BC054725
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACTGATCTCTTGAGGGCCAGGAACATGAAAAGGTACATTAACCAGCTGACTGTGGCAAAGAAGC
 AGTGTGAGAAGAGAATCCGAATCCTGGGAGGTCTGCCTATGACCAGCAAGAGGATGGAGCCTCGGATGA
 AGGGGAAGGGCCTCAGAGCCAAAAGATTCTTCAGTTTGAAGATATTATGACCAATCCTTTCTACCGAGAG
 CGCTTTGGAACATACATGGAACGGATAGACAAGCGGGCTCTAGTTGGCTTTTGGGAGTCTGCCGAACACC
 TGAAGAATGCTAACAAGAGTGAAATCCACAATTAGTTAGTGAAATGTATCAGAATTTCTTCGTGGAAG
 CAAGGAAATCTCCGTGGAAGTCACTTTACAAAGAAATCCAGCAGTGTCTTGTTGGGAAACAGAGGCATC
 GAGGTGTTTCAGCAAAATCCAAGCCGATGTGTCCGAGGTGCTGAGGGAGCGGTATTACCCCTCTCTCTCG
 TCACGCACCTGTATGAGAAGCTCATGCGTGAGGAAGAAGAGGAGGAGCCTGACGCTCAGCTGGCCTCTGA
 GAAGGATGAGCTGGGTTCAAGAGGTGAGGCTGGTGAGGAGGCTGTAGAAGGCACCAAGTGGGTCAGTGAT
 CCAGCCAGCTTTGCTGTAACTCAAACCTCCGAGAGCTAAATGAGAACTTGAATACAAAAGGCAAGCTCAA
 GTTCTATTGAGAATGCACCAAAACCTGATAAGAAGATTATTTCCAAGTTGAAGGATGAAATACTTCTGAT
 AGAGAAAGAATGCACGGCTCTTCAGCTGCACATGGCGAGAACAGATTGGTGGTGTGAGAACCTGGGCCTG
 TGGAGAGCATCCATCACCAGCGCAGAGGTGACAGAAGAGAATGGCGAGCAAAATGCCTTGTACTTTGTCA
 GGGTAAATCTACAAGAAGTTGGAGGAGTTGAACTAAGAACTGGACCGTCCCAAGAAGGCTCAGTGAGTT
 TCAGAATTTACATCGGAACTTAGTGAGTGTGTCCTTCTTTAAAAAAGTCCAGTTGCCTTCTCTCAGT
 AAGCTGCCTTTCAAATCTATAGATCACAGTTCCTGGGAAAGTCAAGAAATCAGTTAAATGCATTCTAC
 AGAAGCTGCTTTTCAGATGAAAGACTGTTCCAGAGCGAAGCACTTTATGCCTTTTTCAGCCCTTCTCTGA
 CTACCTCAAGGTCAATTGATGTACAGGGGAAAAAGACCTCCTTCTCATTGTCTTCATTTCTGGAAAACTT
 CCTCGTGACTTCTTCTCCATCAGGAGGAGGAGATAGAAGAGGACAGCGACCTGTCCGATTACGGGGATG
 ATGTGGACGGGAAGAAGGATTCTTGGCTGAACCGTGTTTCATGCTGATCGGGGAGATTTTGAAGTTCG
 AGGAATGTTTAAATGGGTGCGAAGAACATTAATCGCTCTTGTTCAGGTACGTTTGAAGAACCATCAAC
 AAGCAATCCGCGACACGGTGAGCTGGATCTCCAGCGAGCAGATGCTGGTCTACTACATCAGTGCTTTCC
 GGGATGCCTTTTGGCCAAACGGGAACTGGCACCTCCAACAAGAATCCGAAGCGTGGCACAGAGTCAGGA
 GACGAAGCAGAGACACAGCAGAAGCTGCTCGAGAACATTCCAGATACACTTCAGAGCCTTGTGGACAG
 CAAATGCCGCCATGGTATAATAAAATATTCAAGGCGCTGCAAGAGACAAAGGCCAACAAACACCTGC
 TCTATGTGCTGATGGAGCTGCTGCTGACAGAGCTGCCCTGAGCTGAGGCTCAGCTGGATCAGTTCAA
 AGCTGGCCAAGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209392 representing BC054725
 Red=Cloning site Green=Tags(s)

MKTDLLRARNMKRYINQLTVAKKQCEKRIRILGGPAYDQQEDGASDEGEGPQSQKILQFEDIMTNPFYRE
 RFGTYMERIDKRALVGFWEAEHLKNANKSEIPQLVSEMYQNFFVESKEISVEKSLYKEIQCLVGNRGI
 EVFSKIQADVSEVLREYYPSFLVSDLYEKLMEEEEEEPDAQLASEKDELGSGGEAGEEAVEGTSGVSD
 PASFAVIKRELNEKLEYKRQALSSIQNAPKPKKKIISKLKDEILLIEKECTALQLHMARTDWWCENLGL
 WRASITSAEVTEENGEQMPCYFVRVNLQEVGGVETKNWTVPRRLSEFQNLHRKLSECVPSLKKVQLPSLS
 KLFPFKSIDHKFLGKSRNLNAFLQNLSDERLFQSEALYAFLSPSPDYLVKVIDVQKKTSFSLSSFLEKL
 PRDFFSHQEEEIEEDSDLSYDGDVDGKKDSLAEPCFMLIGEIFELRGMFKWVRRTLIALVQVTFGRITIN
 KQIRDTVSWISSEQMLVYYISAFRDAFWPNGKLAPPTRIRSVASQSETKQRAQQKLENIPTDLQSLVGQ
 QNARHGIIKIFKALQETKANKHLLVLMELLTELCPELRAHLDQFKAGQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC054725

ORF Size: 1833 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

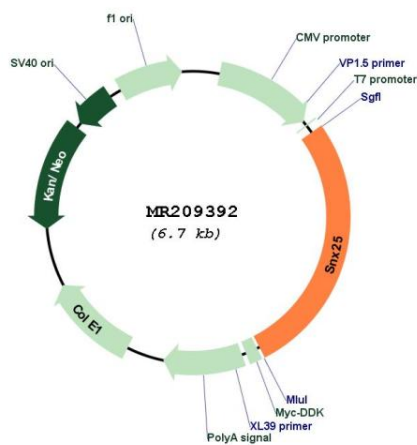
RefSeq: [BC054725](#), [AAH54725](#)

RefSeq Size: 2355 bp

RefSeq ORF: 1835 bp

Locus ID: 102141
Cytogenetics: 8 B1.1
MW: 86.4 kDa
Gene Summary: May be involved in several stages of intracellular trafficking.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209392