

Product datasheet for **MG209392**

Snx25 (BC054725) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx25 (BC054725) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snx25
Synonyms:	SBB131
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209392 representing BC054725
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAACTGATCTCTTGAGGGCCAGGAACATGAAAAGGTACATTAACCAGCTGACTGTGGCAAAGAAGC
 AGTGTGAGAAGAGAATCCGAATCCTGGGAGGTCCTGCCTATGACCAGCAAGAGGATGGAGCCTCGGATGA
 AGGGGAAGGGCCTCAGAGCCAAAAGATTCTTCAGTTTGAAGATATTATGACCAATCCTTTCTACCGAGAG
 CGCTTTGGAACATACATGGAACGGATAGACAAGCGGGCTCTAGTTGGCTTTTGGGAGTCTGCCGAACACC
 TGAAGAATGCTAACAAGAGTGAAATCCACAATTAGTTAGTGAAATGTATCAGAATTTCTTCGTGGAAG
 CAAGGAAATCTCCGTGGAAGTCACTTTACAAAGAAATCCAGCAGTGTCTTGTGGGAAACAGAGGCATC
 GAGGTGTTGAGCAAAATCCAAGCCGATGTGTCCGAGGTGCTGAGGGAGCGGTATTACCCCTCTCTCTCG
 TCAGCGACCTGTATGAGAAGCTCATGCGTGAGGAAGAAGAGGAGGAGCCTGACGCTCAGCTGGCCTCTGA
 GAAGGATGAGCTGGGTTGAGGAGGTGAGGCTGGTGAGGAGGCTGTAGAAGGCACCAAGTGGGTCAGTGAT
 CCAGCCAGCTTTGCTGTAACTCAAACCTCCGAGAGCTAAATGAGAACTTGAATACAAAAGGCAAGCTCAA
 GTTCTATTGAGAATGCACCAAAACCTGATAAGAAGATTATTTCCAAGTTGAAGGATGAAATACTTCTGAT
 AGAGAAAGAATGCACGGCTCTTCAGCTGCACATGGCGAGAACAGATTGGTGGTGTGAGAACCTGGGCCTG
 TGGAGAGCATCCATCACCAGCGCAGAGGTGACAGAAGAGAATGGCGAGCAAAATGCCTTGTACTTTGTCA
 GGGTAAATCTACAAGAAGTTGGAGGAGTTGAAACTAAGAACTGGACCGTCCCAAGAAGGCTCAGTGAGTT
 TCAGAATTTACATCGGAACTTAGTGAGTGTGTCCTTCTTTAAAAAAGTCCAGTTGCCTTCTCTCAGT
 AAGCTGCCTTTCAAATCTATAGATCACAGTTCCTGGGAAAGTCAAGAAATCAGTTAAATGCATTCTAC
 AGAACCTGCTTTGAGTGAAGAGTGTTCAGAGCGAAGCACTTTATGCCTTTTGGAGCCTTCTCTCTGA
 CTACCTCAAGGTGATTGATGTACAGGGGAAAAAGACCTCCTTCTCATTGTCTTCATTTCTGGAAAAAATT
 CCTCGTGACTTCTTCTCCATCAGGAGGAGGAGATAGAAGAGGACAGCGACCTGTCCGATTACGGGGATG
 ATGTGGACGGGAAGAAGGATTCTTGGCTGAACCGTGTTCATGCTGATCGGGGAGATTTTGAAGTTCG
 AGGAATGTTTAAATGGGTGCGAAGAACATTAATCGCTCTTGTTCAGGTCACGTTTGAAGAACCATCAAC
 AAGCAATCCGCGACACGGTGAGCTGGATCTCCAGCGAGCAGATGCTGGTCTACTACATCAGTGCTTTCC
 GGGATGCCTTTTGGCCAAACGGGAACTGGCACCTCCAACAAGAATCCGAAGCGTGGCACAGAGTCAGGA
 GACGAAGCAGAGACACAGCAGAAGCTGCTCGAGAACATTCCAGATACACTTCAGAGCCTTGTGGACAG
 CAAAATGCCGCCATGGTATAATAAAATATTCAAGGCGCTGCAAGAGACAAAGGCCAACAAACACCTGC
 TCTATGTGCTGATGGAGCTGCTGCTGACAGAGCTGCCCCTGAGCTGAGGCTCACCTGGATCAGTTCAA
 AGCTGGCCAAGTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209392 representing BC054725
 Red=Cloning site Green=Tags(s)

MKTDLLRARNMKRYINQLTVAKKQCEKRIRILGGPAYDQQEDGASDEGEGPQSQKILQFEDIMTNPFYRE
 RFGTYMERIDKRALVGFWEAEHLKNANKSEIPQLVSEMYQNFFVESKEISVEKSLYKEIQCLVGNRGI
 EVFSKIQADVSEVLREYYPSFLVSDLYEKLMEEEEEEPDAQLASEKDELGSGGEAGEEAVEGTSGVSD
 PASFAVIKRELNEKLEYKRQALSSIQNAPKPKDKKIISKLKDEILLIEKECTALQLHMARTDWWCENLGL
 WRASITSAEVTEENGEQMPYFVRVNLQEVGGVETKNWTVPRRLSEFQNLHRKLSECVPSLKKVQLPSLS
 KLFPKSIDHKFLGKSRNQLNAFLQNLSDERLFQSEALYAFLSPSPDYLVKIDVQKKTSFSLSSFLEKL
 PRDFFSHQEEIEEDSDLSYGDVDGKKDSLAEPCFMLIGEIFELRGMFKWVRRTLIQVTFGRTIN
 KQIRDTVSWISSEQMLVYYISAFRDAFWPNGKLAPPTRIRSVAQSQETKQRAQQKLENIPTDLQSLVGQ
 QNARHGIKIFKALQETKANKHLLYVLMELLLTELCPELRAHLDQFKAGQV

TRTRPLE – GFP Tag – V

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

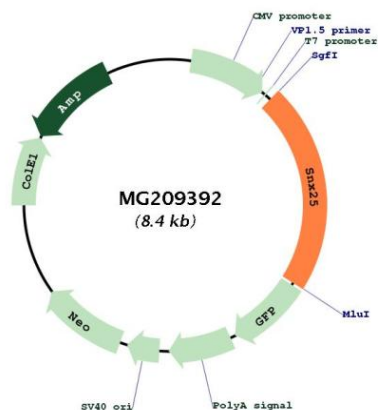
RefSeq ORF: 1835 bp

Locus ID: 102141

Cytogenetics: 8 B1.1

Gene Summary: May be involved in several stages of intracellular trafficking.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG209392