

Product datasheet for **MR206319**

Snx4 (BC050851) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx4 (BC050851) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206319 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACGGGAAATAATTTTTGGTTGAAGAAAATAGAAATCAGTGTTCAGAAGCAGAGAAGAGAACCGGAA
GGAACGCCGTGAACATGCAAGAAACGTACACTGCCTACCTCATCGAGACTCGGTCAGTTGAGCATGCCGA
TGGTCAGAGTGTGCTCACAGACTCGCTGTGGAGGCGGTACAGTGAGTTCGAGTTGTTGAGAACTACCTT
CTAGTGTACTACCCACATGTTGTTGTGCCACCTCTCCAGAAAAGCGGGCAGAGTTCGTGTGGCATAAAC
TCTCTGCTGACAACATGGACCCAGACTTTGTGGAGAGACGCGGTGGCTTAGAAAACCTCCTCTTGAG
GGTTGCTTACATCCTGTCTTTGTAGAGACAAAATCTTCTATTCATTTTTAACCCAGGAAGGTAAGTGG
AAGGAGACTGTGAATGAGACTGGATTTAGCTGAAGGCAGACTCCAGGTTAAAAGCGCTTAATGCAACAT
TCAGAGTGAAAAACCCAGACAAGAGTTTACTGAGCTGAGGCACTACAGTGATGAGCTGCAGTCTGTCAT
CTCGCATCTCCTTCGAGTCAGAGCTAGAGTAGCAGATCGACTCTATGGTGTATATAAAGTACATGGGAAT
TATGGGAGAGTTTTAGTGAATGGAGTGCCATCGAAAAAGAAATGGGGGATGGGCTGCAGAGTGTGGGC
ATCACATGGACGTGTATGCATCTTCTATTGATGATATTTGGAAGATGAAGAGCACTATGCAGATCAGCT
GAAGGAGTATCTGTTTTATGCAGAAGCACTTCGGGCTGTGTGCAGGAAGCATGAGCTTATGCAGTATGAC
CTGGAGACAGCTGCTCAAGACCTGGCTGCCAAGAAGCAGCAGTGCAGGAGCTGGCCACCGGGACTGTGA
GAACATTCTCGTTGAAGGAATGACTACCAAACCTTTGGTCAAGAACTCCAGAGCAAAGAGAAGCCAG
GATAAAGTGCTAGAGGAGCAGATAAATGAAGGGGAACAGCAGCTGAAGTCTAAAAATCTGGAAGGCAGA
GAATTTGTGAAAAATGCATGGGCTGATATTGAACGCTTCAAAGAACAAAAGAACCGGGACCTAAAGGAAG
CTCTCATCAGCTATGCTGTATGCAGATCAGCATGTGCAAAAAGGGGAATTCAGGTTTGGACCAATGCTAA
AGAATGCTTCAGCAAGATG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

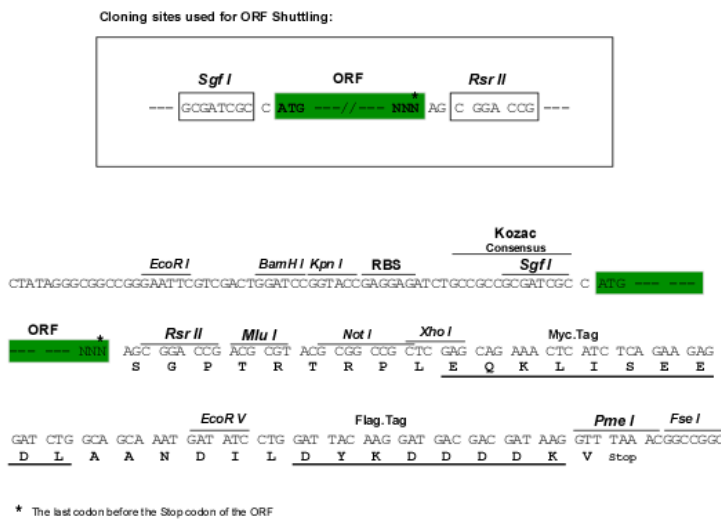
Protein Sequence: >MR206319 protein sequence
 Red=Cloning site Green=Tags(s)

MTGNNFWLKKIEISVSEAEKRTGRNAVNMQETYTAYL IETRSVEHADGQSVL TDSLWRRYSEFELLRNYL
 LVVYPHVVPPLPEKRAEFVWHKL SADNMDDPF VERRRVGLENFLLRVASHPVL CRDKIFYSFLTQEGNW
 KETVNETGFQLKADSR LKALNATFRVKNPDKRF TELRHYSDELQSVI SHLLRVRARVADR LYGVIKVVHGN
 YGRVSEWSAIEKEMGDGL QSAGHHMDVYASSIDDILEDEEHYADQLKEYLFYAEALRAVCRKHLMQYD
 LETAAQDLAAKKQQCEELATGTVRTFSLKGMTTKLFGQETPEQREARIKVL EEQINEGEQQLKSKNLEGR
 EFVKNAWADIERFKEQKNRDLKEALISYAVMQISMCKKGIQVWTNAKECF SKM

SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: BC050851

ORF Size: 1209 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: [BC050851](#)

RefSeq Size: 2699 bp

RefSeq ORF: 1211 bp

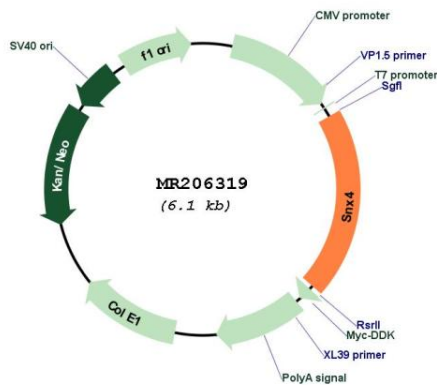
Locus ID: 69150

Cytogenetics: 16 B3

MW: 47 kDa

Gene Summary: Involved in the regulation of endocytosis and in several stages of intracellular trafficking. Plays a role in recycling endocytosed transferrin receptor and prevent its degradation. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206319