

Product datasheet for **MR207330**

Snx8 (NM_172277) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx8 (NM_172277) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx8
Synonyms:	B130023O14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207330 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGGCCGCGGATGGACCCGCTGCCCTCGCCGCGAGTCGCTGCAGCTGCTGAGGCGGAGGCTGACG
 AGGAGGCGGATCCGCGGCGACAGGCCACGAACATCCCAGGTCAGTGGAGGGCCCTGGACCCCGG
 GCGAATGCAGATGCCGACGGGAACCCACTGCTGCTGTCTACACCCTGCAGGAGCTGCTGGCCAAGGAC
 ACGGTGCAGTGGAGCTCATCCCTGAGAAGAAGGGCCTTCTCCTTAAGCATGTGGAGTACGAGTTTCCA
 GCCAGCGCTTCAAGTCTCCGTGTACAGACGCTACAATGACTTCGTGGTCTTCCATGAAGTGTCTTCA
 CAAGTTCCCGTACCGCATGGTTCAGCTCTTCCGCCAAGAGAGTGTGGGAGCCGACAGGGAGTTCATC
 GAGGGCCCGGAGGGCCCTGAAGCGTTCATCAACCTGGTGGCCGGCACCCACCCTTCTCTGAGGACG
 TGCTCCTTAAACTCTTCTCCTTTCAGTGGCTCGGATGTTGAGCACAAGCTCAAGGAGGCGGCCAGTG
 CGTGGGAGATGAGTTCATGAAGTGAAGTGGCTGCTAGGGCCAAGGACTTCTCCAGCTGACATCCAG
 ACTCAATTTGCCATGAGCCGGGAGCTGATTCGAAATGTCTACAACAGCTTCTACAAGCTTCGAGACAGAG
 CCGAGCGGATTGCGTCCCGGGCCATTGACAACGCTGCTGATCTTCTCATATTTGGAAGGAGCTTAGTGC
 TTTGGGCTCCGACACCACCCTCTGCCCTCCTGGGCTGCTCTGCACCTCAGCACATGGGGCTCCCTGAAG
 CAAGCGCTCAAGGGCCTCTCCGTGGAGTTTGCAGTGTGGCGGACAGAGCTGCACAGCAGGGCAAGAAGG
 AGGAGAATGATGATGAGGAGAAGCTGAACCTCTTCTGGATTTGTTGCAGTCTACAAAGACCTGTGTGA
 GCGGCACGAGAAGGGCGTCTTCAAAACACAGCGGCACTGCACAAGTACGGCCTGATGAAGAGGCAG
 ATGATGAGTGCAGCGCACGGCCGAGAACCTGAGTCTGTGGAGCAGCTGGAGTACGAATCGTGGAGCAGG
 AGAAGTGTCCAGACTATGGAACCTCGAAACTACTTCTCCCTCTACTGCCTGCACCAGGAGAGCAGCT
 CGTCCACGTCTACCTGCCTCTCACCTCGCACATCCTGGGGCCTTCGTGAACTCCCAGATCCAAGGGCAC
 AAGGAGATGAGCAAGGTGTGAATGACCTGAAGCCGAAGCTGAGTGCCTCTTCGCTGGACCTCACAGTG
 GTTGACGCCACCGCTCCCGCAGGAGGATGGCGTGTGCCCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207330 protein sequence
 Red=Cloning site Green=Tags(s)

MTGRAMDPLPSPAVAAAAEAEDEEADPPATGPRTSQVTEWRALDPGRMQMPQGNPLLLSYTLQELLAKD
 TVQVELIPEKKGLFLKHVEYEVSSQRFKSSVYRRYNDVVFHEVLLHKFPYRMVPALPPKRVLGADREFI
 EGRRRALKRFINLVARHPPFSEDVLLKFLSFGSDVQHLKAAQCVGDEFMNCKLAARAKDFLPADIQ
 TQFAMSRELIRNVYNSFYKLRDRAERIASRAIDNAADLLIFGKEL SALGSDTTPLP SWAALHLSTWGS LK
 QALKGLSVEFALLADRAAQGKKEENDVVEKLNFLDLLQSYKDL CERHEKGVLHKHQRALHKYGLMKRQ
 MMSAAHGREPESVEQLESRIVEQENVIQTMELRNYFSLYCLHQETQLVHVYLPLTSHILGAFVNSQIQGH
 KEMSKVWVNDLKP KLSCLFAGPHSVLTPRSPQEDGVCPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_172277

ORF Size: 1380 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: [NM_172277.3](#)
RefSeq Size: 2652 bp

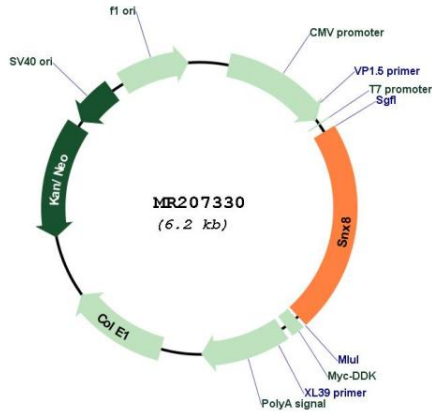
RefSeq ORF: 1380 bp

Locus ID: 231834

UniProt ID: [Q8CFD4](#)

Cytogenetics: 5 G2
MW: 52.1 kDa
Gene Summary: May be involved in several stages of intracellular trafficking. May play a role in intracellular protein transport from early endosomes to the trans-Golgi network (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207330