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Product datasheet for SC100373

SNX8 (NM_013321) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX8 (NM_013321) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNX8
Synonyms:	Mvp1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC100373 sequence for NM_013321 edited (data generated by NextGen Sequencing)

ATGACTGGCCGCGCGATGGACCCGCTGCCCGCGGCTGCAGTCGGGGCGGCAGCTGAGGCG
GAGGCTGACGAGGAGGCGGATCCCCCGGCGTCAGATCTGCCGACACCCCAGGCCATCGAG
CCCCAGGCCATCGTGCAGCAGGTCCCAGCCCCCAGTCGAATGCAGATGCCGCAGGGGAAC
CCGCTGCTGCTGTCCCACACCCTGCAGGAGCTGCTGGCCAGGGACACCGTGCAGGTGGAG
CTCATTCCGGAGAAGAAGGGCCTCTTCCTGAAGCATGTGGAGTATGAGGTTTCCAGCCAG
CGCTTCAAGTCCTCGGTATATAGACGGTACAATGACTTCGTGGTCTTCCAGGAGATGCTC
CTGCACAAGTTCCCCTACCGTATGGTGCCTGCCCTGCCACCCAAGAGAATGCTGGGAGCT
GACAGGGAGTTCATCGAGGCCAGGAGGAGAGCCCTGAAGCGCTTCGTCAACCTGGTGGCG
CGACACCCCCTGTTCTCCGAGGATGTGGTCCTCAAGCTCTTCCTGTCCTTCAGCGGCTCG
GATGTGCAGAACAAGTTAAAGGAGTCAGCACAGTGCGTCGGGGACGAATTCCTGAACTGT
AAGCTGGCTACCAGGGCCAAGGACTTCCTCCCAGCTGACATCCAGGCTCAGTTTGCCATC
AGCCGGGAGCTGATCCGGAACATCTACAATAGCTTTCACAAGCTTCGCGACAGGGCCGAG
CGGATCGCGTCGCGGGCCATCGACAATGCGGCAGATCTTCTCATATTCGGGAAGGAGCTA
AGTGCAATAGGGTCTGACACGACCCCGCTGCCCTCCTGGGCCGCTCTGAATAGCAGCACG
TGGGGGTCCCTGAAGCAGGCTCTGAAAGGCCTGTCTGTGGAATTCGCGCTGCTCGCCGAC
AAGGCTGCACAACAGGGTAAGCAGGAAGAGAACGACGTGGTGGAGAAGCTGAACCTCTTC
TTGGATCTGCTGCAGTCCTATAAGGACCTGTGCGAGCGGCATGAGAAGGGCGTGTTGCAC
AAGCACCAGCGGGCCCTGCACAAGTACAGCCTGATGAAGAGGCAGATGATGAGCGCCACC
GCGCAGAACCGCGAGCCGGAGTCCGTGGAGCAGCTGGAGTCCCGCATCGTGGAGCAGGAG
AACGCGATTCAGACGATGGAGCTGCGGAACTACTTCTCCCTGTACTGCCTGCACCAGGAG
ACGCAGCTCATCCACGTCTACCTGCCCCTCACCTCCCACATCCTCCGCGCCTTCGTCAAC
TCTCAGATCCAAGGGCACAAGGAGATGAGCAAGGTGTGGAACGACCTGAGGCCCAAGCTC
AGCTGCCTCTTTGCGGGACCACACAGCACCCTGACCCCACCGTGCTCCCCGCCGGAGGAC
GGCCTGTGTCCTCACTAG

Clone variation with respect to NM_013321.2
321 c=>t;729 a=>g;1128 t=>c

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_013321 unedited
GTCAGACATTGTAAACCACTCATATAGGCGGCCGCGACATCGGCACCAGGCGGGCTCACA
TGACTGGCCGCGCGATGGACCCGCTGCCCGCGGCCGCAGTCGGGGCGGCAGCTGAGGCGG
AGGCTGACGAGGAGGCGGATCCCCCGGCGTCAGATCTGCCGACACCCCAGGCCATCGAGC
CCCAGGCCATCGTGCAGCAGGTCCCAGCCCCCAGTCGAATGCAGATGCCGCAGGGGAACC
CGCTGCTGCTGTCCCACACCCTGCAGGAGCTGCTGGCCAGGGACACCGTGCAGGTGGAGC
TCATTCCGGAGAAGAAGGGCCTCTTCCTGAAGCATGTGGAGTATGAGGTTTCCAGCCAGC
GCTTCAAGTCCTCGGTATATAGACGGTACAATGACTTCGTGGTCTTCCAGGAGATGCTCC
TGCACAAGTTCCCCTACCGTATGGTGCCTGCCCTGCCACCCAAGAGAATGCTGGGAGCTG
ACAGGGAGTTCATCGAGGCCAGGAGGAGAGCCCTGAAGCGCTTCGTCAACCTGGTGGCGC
GACACCCCCTGTTCTCCGAGGATGTGGTCCTCAAGCTCTTCCTGTCCTTCAGCGGCTCGG
ATGTGCAGAACAAGTTAAAGGAGTCAGCACAGTGCGTCGGGGACGAATTCCTGAACTGTA
AGCTGGCTACCAGGGCCAAGGACTTCCTCCCAGCTGACATCCAGGCTCAGTTTGCCATCA
GCCGGGAGCTGATCCGGAACATCTACAATAGCTTTCACAAGCTTCGCGACAGGGCCCGAG
CGATCGCGTCGCGNGCCATCGACATGCGGCAGATCTTCTATATTCGGNAAGAGCTAAGTG
CAATAGGNTCTGACACGACCCCGCTGCCCTTCTGGGCCGCTCTGAATAGCAGCACGTGGG
GGTCCCTGAAGNCAGCTCTGAAAGCCTGTCTGTGNAATTCGCGCTGCTCGCCGACAAGCT

3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_013321 unedited
AGTTGGACCATCGGGNNGATGGCAACTTNCCAGGNCCAGNATGGCACTGGGGNGGGGTCA
CAGGNATGCCACCCGGGCTCTGTTCAGGGAACAGCTATGACCGCGGCCGCAATCTAGAGT
CGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCACCGTTTGGAAAGAGGTTTTA
TTGCGGCCGCAGGGAGCACCACCTCAACCTCAGGCGCTAGTGAGGACACAGGCCGTCCTC
CGGCGGGGAGCACGGTGGGGTCAGGGTGCTGTGTGGTCCCGCAAAAAGGCAGCTGAGCTG
GGGCCTCAGGTCGTTCCACACCTTGCTTATCTCCTTGTGCCCTTGGATCTGAAAGTTAAC
AAAGCCCCGGAGGATGTGGGAGGTGAGGGGCAGGTAAACCTGAATGAGCTGCGTCTCCTG
GTGCAGGCAGTACAGGGAAAAGTAGTTCCGCAGCTCCATCGTCTGAATCGCGTTCTCCTG
CTCCACGATGCGGGACTCCAGCTGCTCCACGGACTCCGGCTCGCGGTTCTGCCCGGTGGC
CCTCATCATCTGCCTCTTCATCAGGCTGTACTTGTACAGGGCCCGCTGGTGCTTGTGCAA
CACGCCCTTCTCATGCCGCTCGCACAGGGCCTTATAGGACTGCCGCAGATCCAAGAAGAG
GTTCAGCTTCTCCACCACGTCAATCTCTTCCTGCTTACCCTGTTGTGCAGCCTTGTCGGC
GACCAGCGCAAATTCCACAGACAGGCCTTTCAGAGCCTGCTTCAGGGACCCCCACGTGCT
GCTATTCAGAGCGGCCCCAGAGGGCAACGGGGTCCTGTCAGACCCTATTGCACTTAGCTT
CTTCACCGAAATGAAAACATCTGCCGCATTGTCA
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Restriction Sites: NotI-NotI

ACCN: NM_013321

Insert Size: 1500 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_013321.1, NP_037453.1

RefSeq Size: 1522 bp

RefSeq ORF: 1398 bp

Locus ID: 29886

UniProt ID: Q9Y5X2

Cytogenetics: 7p22.3

Domains: PX

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.[UniProtKB/Swiss-Prot Function]