

Product datasheet for **RC216930**

SNX25 (NM_031953) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX25 (NM_031953) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SNX25
Synonyms:	MSTP043; SBBI31
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC216930 representing NM_031953
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATAAAGCTCTGAAAGAAGTGTTCGACTACAGTTATAGAGATTACATTCTGTCTGGTATGGAAC
 TCAGCAGAGATGAGGGACAACCTTACCATCTGCTCTTGGAAAGACTTTGGGAAATTGCCAGACAGCTGCA
 CCACAGACTGAGTCACGTGGATGTGGTTAAAGTTGTCTGCAATGATGTTGTGAGGACTTTACTCACTCAT
 TTCTGTGACCTGAAAGCTGCCAATGCCAGACATGAAGAACAGCCAAGACCTTTTGTGTTGCACGCATGCT
 TGAGGAACTCAGATGATGAAGTAAGATTCTACAAACGTGTTCTCGGTTCTGGTGTGTTTGTCTCTCCC
 CTCAAAGGATGTGCAGTCTCTCAGTTACGTATAATGCTTGCAGAAATCTCACAACAAAAGTCTTGAAG
 CCGGTAGTGGAGTACTGAGTAATCCAGATTACATTAACCAAATGCTGCTGCCAGCTGGCGTACAGAG
 AGCAAATGAATGAGCATACAAGAGAGCCTACACCTATGCCCCCTTACGAGGACTTCATCAAGCTCAT
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 TGAGAAATTTGTTGATAAAGAGGAAGAAAAACATGCCTCACAGATGATTTCCAACAAGGATGAGATGGGC
 CCAAGAGATGAGGCTGGTGAAGAGCCGTGGATGATGGTACCAATCAGATCAATGAACAAGCCAGTTTTG
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 TGCACCAAAACCTGACAAGAAGATTGTTTCCAAGTTGAAGGATGAAATAATCCTAATAGAGAAAGAACGC
 ACAGACCTTCAGCTGCACATGGCAAGAACGGATTGGTGGTGTGAAAACCTTGGCATGTGGAAGCCCTCA
 TCACCAGTGGAGAGGTTACAGAAGAGAATGGTGAAGCAATGCCATGTTACTTTGTCATGGTAAGCCTACA
 AGAAGTTGGAGGAGTTGAACTAAGAACTGGACGGTCCCAGAAGGCTCAGCGAGTTTCAGAATTTACAC
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 ACACAGTCAGCTGGATTTTCAGTGAGCAATGTTGGTTTACTACATCAATATTTCCGGGATGCTTTTTG
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 GCACAGCAAAAGCTGTTGAAAACATTCAGATATGCTTCAGAGCCTTGTGGACAGCAAAATGCCCGCC
 ACGGTATAATAAAAAATTTCAATGCACTGCAAGAAACAAGAGCCAACAAGCATCTGTTATATGCGCTGAT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC216930 representing NM_031953
Red=Cloning site Green=Tags(s)

MDKALKEVFDYSYRDYILSWYGNLSRDEGQLYHLLLEDWFWEIARQLHHRLSHVDVVKVVCNDVVRTLLTH
FCDLKAANARHEEQPRPFVLHACLNRNSDDEVFLQTCSRVLVFCLLPKDVQSLSLRIMLAEILTTKVLK
PVVELLSNPDIYINQMLLAQLAYREQMNEHHKRAYTYAPSYEDFIKLINSNSDVEFLKQLRYQIVVEIIQA
TTISSFPQLKRHKGKETAAMKADLLRARNMKRYINQLTVAKKQCEKRIRILGGPAYDQQEDGALDEGEGP
QSQKILQFEDILANTFYREHFGMYMERMDKRALISFWESVEHLKNANKNEIPQLVGEIYQNFFVESKEIS
VEKSLYKEIQQCLVGNKGIEVFYKIQEDVYETLKDRYYPFIVSDLYEKLLIKEEEKHASQMISNKDEMG
PRDEAGEEAVDDGTNQINEQASFVANKLRELNEKLEYKRQALNSIQNAPKPKKIVSKLKDEIILIEKER
TDLQLHMARTDWCENLGMWKASITSGEVTEENGEQLPCYFVMVSLQEVGGVETKNWTVPRRLSEFQNLH
RKLSECVPSLKKVQLPSLSKLPFKSIDQKFMKSKNQLNKFLQNLSDERLCQSEALYAFSPSPDYLVK
IDVQGGKNSFSLSSFLERLPRDFFSHQEEETEEDSDLSDYGDDVDGRKDALAEPFCMLIGEIFELRGMFK
WVRRTLIALVQVTFGRITNKQIRDVSWIFSEQMLVYYINIFRDAFWPNGKLAPPTTIRSKEQSQETKQR
AQQKLLLENIPDMLQSLVGQQNARHGIKIFNALQETRANKHLLYALMELLLIELCPELRVHLDQLKAGQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8115_f08.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_031953

ORF Size: 2520 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_031953.2](#), [NP_114159.2](#)

RefSeq Size: 3237 bp

RefSeq ORF: 2523 bp

Locus ID: 83891

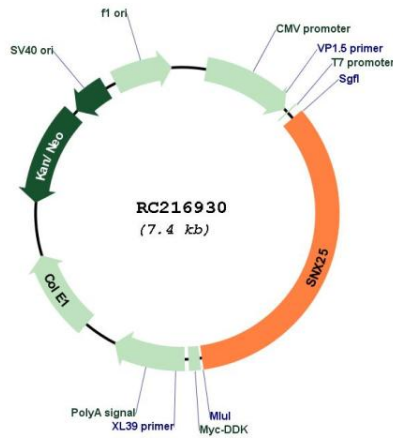
Cytogenetics: 4q35.1

Domains: RGS, PX

MW: 97.8 kDa

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

Product images:



Circular map for RC216930