

Product datasheet for RC220255

SNX29 (NM_032167) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNX29 (NM_032167) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SNX29
Synonyms:	A-388D4.1; RUNDC2A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC220255 representing NM_032167 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGGATCACAGAACAATGACAAAAGACAATTTCTGCTGGAGCGACTGCTGGATGCAGTGAAACAGT
GCCAGATCCGCTTTGGAGGGAGAAAGGAGATTGCCTCGGATTCCGACAGCAGGGTCACCTGTCTGTGTGC
CCAGTTTGAAGCCGTCCTGCAGCATGGCTTGAAGAGGAGTCGAGGATTGGCACTCACAGCGGCAGCGATC
AAGCAGGCAGCGGCTTTGCCAGCAAAACCGAAACAGAGCCCGTGTCTGGTACTACGTGAAGGAGGTCC
TCAACAAGCACGAGCTGCAGCGTTCTACTCCCTGCGCCACATCGCCTCAGACGTGGGCCGGGGTCGCGC
CTGGCTGCGCTGTGCCCTCAACGAACACTCCCTGGAGCGCTACCTGCACATGCTCCTGGCCGACCGCTGC
AGGCTGAGCACTTTTTATGAAGACTGGTCTTTGTGATGGATGAAGAAAGTCCAGTATGCTTCCTACCA
TGGCAGCAGGTCTGAACCTCATACTCTTTGCGATTAACATCGACAACAAGGATTTGAACGGGCAGAGTAA
GTTTGCTCCCACCGTTTCAGACCTCTTAAAGGAGTCAACGCAGAACGTGACCTCCTTGCTGAAGGAGTCC
ACGCAAGGAGTGAGCAGCCTGTTCAAGGAGATCACAGCCTCCTCTGCCGTCTCCATCCTCATCAAACCTG
AACAGGAGACCGACCCCTTGCTGTGTCGTCAGGAATGTCAGTGTGATGCCAAATGCAAAAAGGAGCG
GAAGAAGAAAAAGAAAGTGACCAACATAATCTCATTGATGATGAGGAAGATGAGCAGAAGTCTGGGGAC
GTGTTTTAAAAAGACACCTGGGGCAGGGGAGAGCTCAGAGGACAACCTCCGACCGCTCCTGTCAATATCA
TGTCGCTTTGAAAGCCCTTCGGGCCTAACTCCAATGGAAGTCAGAGCAGCAACTCATGGAAAAATTGA
TTCCCTGTCTTTGAACGGGGAGTTTGGGTACCAGAAGCTTGTGATGTGAAAAGCATCGATGATGAAGATGTG
GATGAAAACGAAGATGACGTGTATGAAAACATCAGGAAGGAAGCACAGGGGCCACTCGGAGTCGCCCC
AGAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC220255 representing NM_032167
Red=Cloning site Green=Tags(s)

MSGSQNNDKRQFLLERLLDAVKQCQIRFGGRKEIASDSDSRVTCLCAQFEAVLQHGLKRSRGLALTAAAI
 KQAAGFASKTETEPVFWYVYVKEVLNKHELQRFYSLRHIASDVGRGRAWLRCALNEHSLERYLHMLLADRC
 RLSTFFYEDWSFVMD EERSM LPTMAAGLNSILFAINIDNKDLNGQSKFAPT VSDLLKESTQNVTSLLKES
 TQGVSSLFREITASSAVSILIKPEQETDPLPVVSRNVSADAKCKKERKKKKVVTNIISFDDEEDEQNSGD
 VFKKTPGAGESSEDNSDRSSVNI MSAFESPF GPNSNGSQSSNSWKIDSLSLNGEFGYQKLDVKSIDDEDV
 DENEDDYYGNSSGRKHRGHSESPEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8019_g11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_032167

ORF Size: 1125 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_032167.2](#)

RefSeq Size: 2248 bp

RefSeq ORF: 2442 bp

Locus ID: 92017

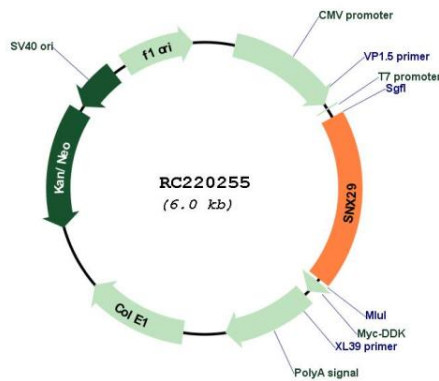
UniProt ID: [Q8TEQ0](#)

Cytogenetics: 16p13.13-p13.12

Domains: RUN

MW: 41.7 kDa

Product images:



Circular map for RC220255