

Product datasheet for **RG207251**

SNX32 (NM_152760) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	SNX32
Synonyms:	SNX6B
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG207251 representing NM_152760
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGACGTATGCGGAGGTTGGGAAGGAGGGCAAGCCTTCCTGTGCATCGGTGGATCTGCAGGGAGACA
GCTCCTTACAGGTGGAGATTTCTGACGCAGTGAGTGAGCGGGACAAGGTGAAATTCAGTGTTCAAACAAA
GAGCTGCCTCCCTCACTTCGCCAGACCGAGTTCTCAGTCGTGCGGCAGCAGGAGTTTCATCTGGCTG
CATGATGCCTACGTGGAGAATGAGGAGTACGCCGGCTCATCATCCCCAGCCCTCCGAGGCCAGACT
TTGAGGCTTCGAGGAAAAGCTACAGAAATTGGGCGAGGGGGACAGCTCTGTCACTCGGGAAGAGTTTGC
CAAGATGAAGCAGGAGCTGGAAGCGGAGTACCTGGCCATCTTTAAGAAGACAGTTGCGATGCACGAAGTC
TTTCTGCAGCGCTGGCGGCCACCCACCCTGCGTCGAGACAACAATCTTTGTGTTTTTGAATATG
GACAGGATCTGAGTGTCGGGGGAAGAAGCAGGAAGGAGCTCCTCGAGGGTTTCTGAGGAATATTGTGAA
GTCCGCGGATGAAGCCCTCATCAGGGCATGTCAAGGCTCAAGGAGGTGGATGACTTCTTTGAGCATGAG
AGGACCTTCCTGTTGGAGTATCACACCCGTATCCGAGATGCCTGCCTGCGGGCCGACCGCGTCATGCGCG
CCCACAAGTGCCTGGCAGACGATTATCCCTATCTCAGCTGCGCTGAGCAGTCTGGGAACACAGGAAGT
CAACACGCTAAGGACGAGCTTCTCAAATTGGCAGAGCTCTTTGAACGGCTGAGGAAGCTGGAGGGCCGG
GTGGTTTCCGATGAGGACCTGAAGCTGTCAAGATGCTGAGGTAACATGCGTGACTCACAGGCAGCCA
AGGACCTGTGTACCGCGGCTGCGGGCACTGGCCGACTACGAGAATGCCAACAAGGCGCTGGACAAGGC
GCGCACCAAGAACCGGAGGTGCGGCCCGGAGAGCCACGAGCTGTGCTGCCAACGCTTCGAGCGC
CTCTCCGACTACGCCAAGCAAGAGCTCATGGACTTCAAGTCCCGCCGGTCTCTCTTTTGAAGAATC
TCATTGAGCTGGCAGAGCTGGAGCTCAACACGCCAAGGCCAGCACCTGATTCTCCGGAACACCTTGT
TGCCCTAAAGGGGAGCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA



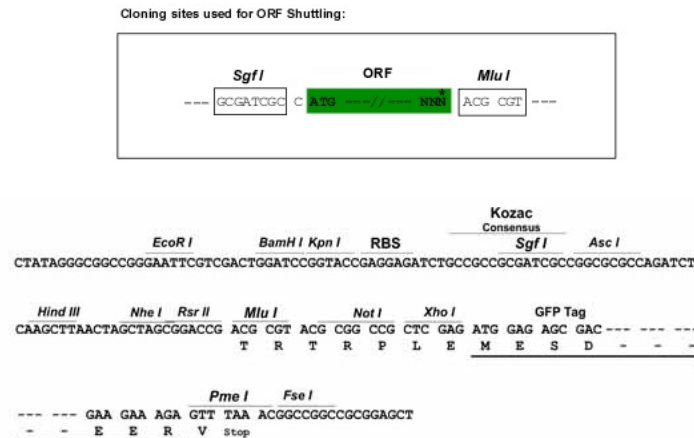
Protein Sequence: >RG207251 representing NM_152760
Red=Cloning site Green=Tags(s)

METYAIEVGKEGKPCASVDLQGDSSLQVEISDAVSEKDKVKFTVQTKSCLPHFAQTEFSVVRQHEEFIWL
HDAYVENEEYAGLIIPPAPRPDFAEREKLQKLGEQSSVTREEFAKMKQELAEYLAIFKKTVMHEV
FLQRLAAHPTLRDNNFFVFLEYGQDL SVRGKNRKELGGFLRNIVKSADEALITGMSGLKEVDFFEHE
RTFLLEYHTRIRDACLADRVMAHKLADYIPISAASSLGTQEVNQLRTSFLKLAELFERLRKLEGR
VVSDEDLKLSMDLRYMRDSQAADLLYRRLRALADYENANKALDKARTNRNREVRPAESHQQLCCQRFER
LSDYAKQELMDFKSRRVSSFRKNLIELAELELKHAKASTLILRNTLVALKGEP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152760

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_152760.2](#), [NP_689973.2](#)

RefSeq Size: 1719 bp

RefSeq ORF: 1212 bp

Locus ID: 254122

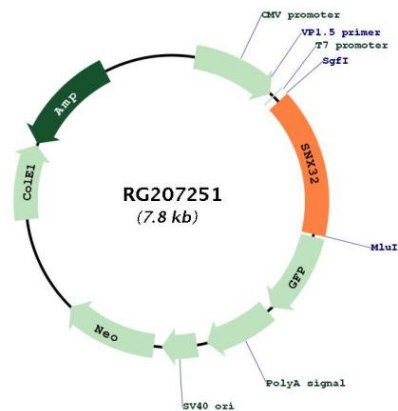
UniProt ID: [Q86XE0](#)

Cytogenetics: 11q13.1

Domains: PX

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

Product images:



Circular map for RG207251