

Product datasheet for RC233425

SNX10 (NM_001199835) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SNX10 (NM_001199835) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SNX10
Synonyms: OPTB8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233425 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTCCGGAACAACAGAAAGAGGAATTTGTAAGTGTCTGGTTCGAGATCCTAGGATTCAGAAGGAGG
 ACTTCTGGCATTCTTACATTGACTATGAGATATGTATTCATACTAATAGCATGTGTTTTACAATGAAAAC
 ATCCTGTGTACGAAGAAGATATAGAGAATTCGTGTGGCTGAGGCAGAGACTCCAAAGTATGCGTTGCTG
 GTACAACAGCCAGAACTCCATCTAAAACTGTTTTTCAACATGAACAATCGCCAGCACGTGGATCAGC
 GTCGCCAGGGTCTGGAAGATTTCTCAGAAAAGTCTACAGAATGCACTTTTGCTTTCAGATAGCAGCCT
 TCACCTCTTCTTACAGAGCCATCTGAATTCAGAAGACATTGAGGCGTGTGTTTCTGGGCAGACTAAGTAC
 TCTGTGGAAGAAGCAATTCACAAGTTTGCCTTAATGAATAGACGTTTCCCTGAAGAAGATGAAGAAGGAA
 AAAAAGAAAATGATATAGATTATGATTCAGAAAAGTTTCCTCTGGGCTTGGACACAGTAGTGATGACAG
 CAGTTCACATGGATGTAAGTAAATACAGCTCCGAGGAATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233425 protein sequence
 Red=Cloning site Green=Tags(s)

MFPEQQKEEFVSVVWRDPRIQKEDFWHSYIDYEICHTNSMCFMKTSCVRRRYREFVWLRQRLQSNALL
 VQLPELPSKNLFFNMNRRQHVDRRQGLEDFLRKVLQNALLLSDSSLHLFLQSHLNSIEDIEACVSGQTKY
 SVEEAIHKFALMNRFPPEEDEEGKKENDIDYDSESSSSGLGHSSDDSSSHGCKVNTAPQES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Chromatograms: https://cdn.origene.com/chromatograms/mk6287_d07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001199835

ORF Size: 603 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_001199835.1](#), [NP_001186764.1](#)

RefSeq Size: 2638 bp

RefSeq ORF: 606 bp

Locus ID: 29887

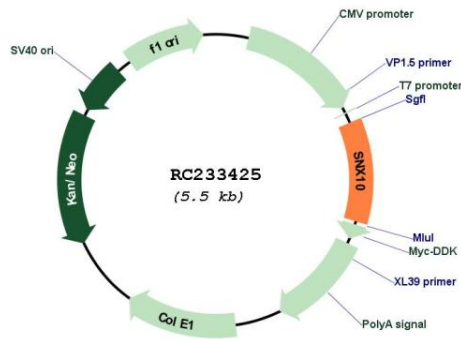
UniProt ID: [Q9Y5X0](#)

Cytogenetics: 7p15.2

MW: 23.6 kDa

Gene Summary: This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region, like some family members. This gene may play a role in regulating endosome homeostasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC233425