

Product datasheet for RC200981L1

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SNX6 (NM_021249) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SNX6 (NM_021249) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: SNX6

Synonyms: MSTP010; TFAF2

Mammalian Cell None

Selection:

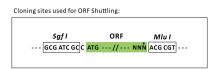
Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

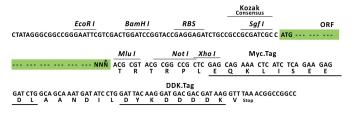
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC200981).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_021249

ORF Size: 870 bp



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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: <u>NM 021249.3</u>

 RefSeq Size:
 3080 bp

 RefSeq ORF:
 873 bp

 Locus ID:
 58533

 UniProt ID:
 Q9UNH7

 Cytogenetics:
 14q13.1

Protein Families: Druggable Genome, ES Cell Differentiation/IPS

MW: 33.6 kDa

Gene Summary: This gene encodes a member of the sorting nexin family. Members of this family contain a

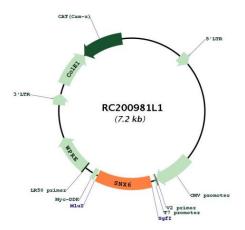
phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein associates with the long isoform of the leptin receptor,

the transforming growth factor-beta family of receptor serine-threonine kinases, and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor. This protein may form oligomeric complexes with family member proteins through interactions of both the PX domain and the coiled coil regions of the molecules. Translocation of this protein from the cytoplasm to the nucleus occurs after binding to proviral integration site 1 protein. This gene results in two transcripts encoding two distinct isoforms. [provided

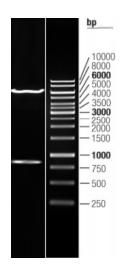
by RefSeq, Jul 2008]



Product images:



Circular map for RC200981L1



Double digestion of RC200981L1 using Sgfl and Mlul