

Product datasheet for RC201844L4

SNX1 (NM_003099) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SNX1 (NM_003099) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SNX1

Synonyms: HsT17379; VPS5

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201844).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_003099

ORF Size: 1566 bp



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SNX1 (NM_003099) Human Tagged Lenti ORF Clone - RC201844L4

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 003099.3</u>

 RefSeq Size:
 8332 bp

 RefSeq ORF:
 1569 bp

 Locus ID:
 6642

 UniProt ID:
 Q13596

Cytogenetics: 15q22.31

Domains: PX, Sorting_nexin
Protein Families: Druggable Genome

MW: 59.1 kDa

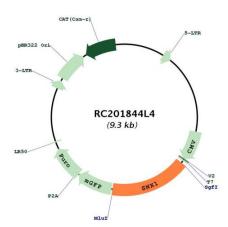
Gene Summary: This gene encodes a member of the sorting nexin family. Members of this family contain a

phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms.

[provided by RefSeq, Jul 2008]



Product images:



Circular map for RC201844L4