

Product datasheet for RC206019L3

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OriGene Technologies, Inc.

SNX10 (NM_013322) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SNX10 (NM_013322) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: SNX10

Synonyms: OPTB8

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

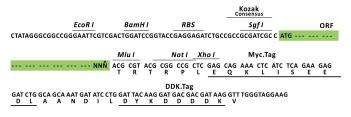
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC206019).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_013322

ORF Size: 603 bp





SNX10 (NM_013322) Human Tagged Lenti ORF Clone - RC206019L3

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 013322.2</u>

 RefSeq Size:
 2591 bp

 RefSeq ORF:
 606 bp

 Locus ID:
 29887

 UniProt ID:
 Q9Y5X0

 Cytogenetics:
 7p15.2

Domains: PX

MW: 23.6 kDa

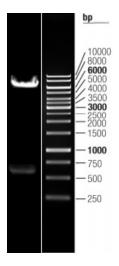
Gene Summary: This gene encodes a member of the sorting nexin family. Members of this family contain a

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:



Double digestion of RC206019L3 using Sgfl and Mlul $\,$