

Product datasheet for RC201600L4

SSX1 (NM_005635) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SSX1 (NM 005635) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SSX1

Synonyms: CT5.1; SSRC

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(RC201600).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_005635

ORF Size: 564 bp



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SSX1 (NM_005635) Human Tagged Lenti ORF Clone - RC201600L4

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 005635.2</u>

RefSeq Size:1316 bpRefSeq ORF:567 bpLocus ID:6756

UniProt ID: Q16384

Cytogenetics: Xp11.23

Protein Families: Transcription Factors

MW: 21.9 kDa

Gene Summary: The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX)

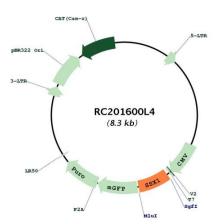
breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneous humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. This gene, and

also the SSX2 and SSX4 family members, have been involved in t(X;18)(p11.2;q11.2)

translocations that are characteristically found in all synovial sarcomas. This translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. The encoded hybrid proteins are likely responsible for transforming activity. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome X. [provided by RefSeq, Jul 2013]



Product images:



Circular map for RC201600L4