

Product datasheet for RC210323L3

SOX18 (NM_018419) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SOX18 (NM 018419) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: SOX18

Synonyms: HLTRS; HLTS

Mammalian Cell Puromycin

Selection:

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

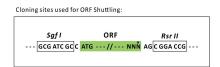
E. coli Selection: Chloramphenicol (34 ug/mL)

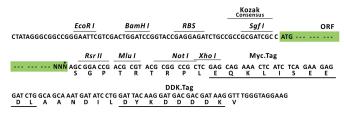
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC210323).

Sequence:

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





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

ACCN: NM_018419

ORF Size: 1161 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 018419.2</u>

 RefSeq Size:
 1718 bp

 RefSeq ORF:
 1155 bp

 Locus ID:
 54345

 UniProt ID:
 P35713

Cytogenetics: 20q13.33

Domains: HMG

Protein Families: Transcription Factors

MW: 40.7 kDa

Gene Summary: This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription

factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. This protein plays a role in hair, blood vessel, and lymphatic vessel development. Mutations in this gene have been associated with recessive and

dominant forms of hypotrichosis-lymphedema-telangiectasia. [provided by RefSeq, Jul 2008]