# Product datasheet for RC210323L4V

## SOX18 (NM_018419) Human Tagged ORF Clone Lentiviral Particle

## Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | SOX18 (NM_018419) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | SOX18 |
| **Synonyms:** | HLTRS; HLTS |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_018419 |
| **ORF Size:** | 1161 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC210323). |
| **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. |
| **RefSeq:** | NM_018419.2 |
| **RefSeq Size:** | 1718 bp |
| **RefSeq ORF:** | 1155 bp |
| **Locus ID:** | 54345 |
| **UniProt ID:** | P35713 |
| **Cytogenetics:** | 20q13.33 |
| **Domains:** | HMG |
| **Protein Families:** | Transcription Factors |

View online »

**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]