

Product datasheet for RC201400L1

FOXS1 (NM_004118) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: FOXS1 (NM 004118) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: FOXS1

Synonyms: FKHL18; FREAC10

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

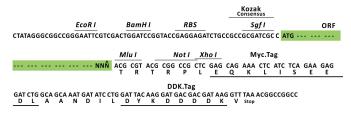
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201400).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_004118

ORF Size: 990 bp



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FOXS1 (NM_004118) Human Tagged Lenti ORF Clone - RC201400L1

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 004118.3</u>

 RefSeq Size:
 1353 bp

 RefSeq ORF:
 993 bp

 Locus ID:
 2307

 UniProt ID:
 043638

Cytogenetics: 20q11.21

Protein Families: Transcription Factors

MW: 35.4 kDa

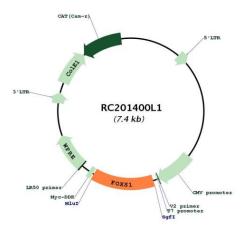
Gene Summary: The forkhead family of transcription factors belongs to the winged helix class of DNA-binding

proteins. The protein encoded by this intronless gene contains a forkhead domain and is found predominantly in aorta and kidney. The function of the encoded protein is unknown.

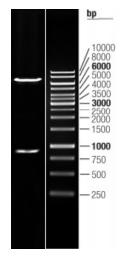
[provided by RefSeq, Jul 2008]



Product images:



Circular map for RC201400L1



Double digestion of RC201400L1 using Sgfl and Mlul