

Product datasheet for RC206430L3

FOXI1 (NM_144769) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: FOXI1 (NM_144769) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: FOXI1

Synonyms: FKH10; FKHL10; FREAC-6; FREAC6; HFH-3; HFH3

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(RC206430).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_144769

ORF Size: 849 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



FOXI1 (NM_144769) Human Tagged Lenti ORF Clone - RC206430L3

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 144769.2</u>, <u>NP 658982.1</u>

5q35.1

 RefSeq Size:
 2011 bp

 RefSeq ORF:
 852 bp

 Locus ID:
 2299

 UniProt ID:
 Q12951

Protein Families: Transcription Factors

MW: 30.8 kDa

Cytogenetics:

Gene Summary: This gene belongs to the forkhead family of transcription factors, which is characterized by a

distinct forkhead domain. This gene may play an important role in the development of the cochlea and vestibulum, as well as in embryogenesis. The encoded protein has been found to be required for the transcription of four subunits of a proton pump found in the inner ear, the kidney, and the epididymis. Mutations in this gene have been associated with deafness,

autosomal recessive 4. [provided by RefSeq, Jan 2017]