

Product datasheet for RC205951L3

FATE1 (NM_033085) Human Tagged Lenti ORF Clone

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

OriGene Technologies, Inc.

Product data:

Product Type: Expression Plasmids

Product Name: FATE1 (NM 033085) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: FATE1

Synonyms: CT43; FATE

Mammalian Cell Puromycin

Selection:

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

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

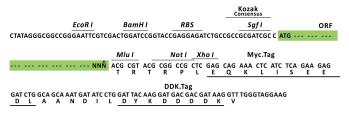
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205951).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_033085

ORF Size: 549 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 033085.2</u>

 RefSeq Size:
 1071 bp

 RefSeq ORF:
 552 bp

 Locus ID:
 89885

 UniProt ID:
 Q969F0

 Cytogenetics:
 Xq28

Protein Families: Transmembrane

MW: 20.7 kDa

Gene Summary: This gene encodes a cancer-testis antigen that is highly expressed in hepatocellular

carcinomas and other tumors and weakly expressed in normal tissues except testis. The protein is strongly expressed in spermatogonia, primary spermatocytes, and Sertoli cells in

seminiferous tubules. This protein may have a role in the control of early testicular

differentiation and cell proliferation. [provided by RefSeq, Jan 2010]