

Product datasheet for RC207742L3

ETV7 (NM_016135) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ETV7 (NM_016135) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ETV7

Synonyms: TEL-2; TEL2; TELB

Mammalian Cell Puromycin

Selection:

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

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

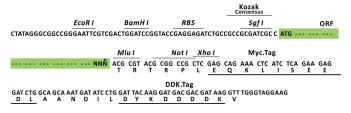
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC207742).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_016135

ORF Size: 1023 bp



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ETV7 (NM_016135) Human Tagged Lenti ORF Clone - RC207742L3

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 016135.2</u>, <u>NP 057219.1</u>

 RefSeq Size:
 1761 bp

 RefSeq ORF:
 1026 bp

 Locus ID:
 51513

 UniProt ID:
 Q9Y603

 Cytogenetics:
 6p21.31

Domains: ETS, SAM PNT, SAPA, SapB 1, SapB 2, SAPB

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Dorso-ventral axis formation

MW: 39 kDa

Gene Summary: The protein encoded by this gene belongs to the ETS family of transcription factors, which is a

large group of evolutionarily conserved transcriptional regulators that play an important role in a variety of cellular processes throughout development and differentiation, and are involved in oncogenesis as well. This protein is predominantly expressed in hematopoietic tissues. Several alternatively spliced transcript variants encoding different isoforms have been

described for this gene (PMID:11108721).[provided by RefSeq, May 2011]