

Product datasheet for RC228163L4

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HES7 (NM_001165967) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HES7 (NM_001165967) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: HES7

Synonyms: bHLHb37; SCDO4

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC228163).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001165967

ORF Size: 690 bp





HES7 (NM_001165967) Human Tagged Lenti ORF Clone - RC228163L4

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 001165967.1</u>

 RefSeq ORF:
 693 bp

 Locus ID:
 84667

 UniProt ID:
 F8VPC9

 Cytogenetics:
 17p13.1

 MW:
 25.1 kDa

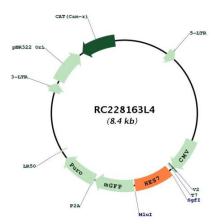
Gene Summary: This gene encodes a member of the hairy and enhancer of split family of bHLH transcription

factors. The mouse ortholog of this gene is regulated by Notch signaling. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton. A mutation in this gene has been shown to result in spondylocostal dysostosis. Multiple transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, Sep 2009]



Product images:



Circular map for RC228163L4