

Product datasheet for RC204105L2

OriGene Technologies, Inc.

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ThPok (ZBTB7B) (NM 015872) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ThPok (ZBTB7B) (NM_015872) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: ThPok

Synonyms: c-Krox; DKFZp686G01254; hcKrox; THPOK; ZBTB15; ZFP67; ZNF857B

Mammalian Cell None

Selection:

Vector:pLenti-C-mGFP (PS100071)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC204105).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_015872

ORF Size: 1617 bp





ThPok (ZBTB7B) (NM_015872) Human Tagged Lenti ORF Clone - RC204105L2

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 015872.1</u>, <u>NP 056956.1</u>

RefSeq Size: 3634 bp
RefSeq ORF: 1619 bp
Locus ID: 51043
Cytogenetics: 1q21.3

Protein Families: Transcription Factors

MW: 58.5 kDa

Gene Summary: This gene encodes a zinc finger-containing transcription factor that acts as a key regulator of

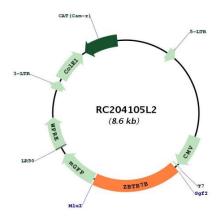
lineage commitment of immature T-cell precursors. It is necessary and sufficient for

commitment of CD4 lineage, while its absence causes CD8 commitment. It also functions as a transcriptional repressor of type I collagen genes. Alternatively spliced transcript variants

have been found for this gene. [provided by RefSeq, Jan 2012]



Product images:



Circular map for RC204105L2