

Product datasheet for **RC204105L4V**

ThPok (ZBTB7B) (NM_015872) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ThPok (ZBTB7B) (NM_015872) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ThPok
Synonyms:	c-Krox; DKFZp686G01254; hcKrox; THPOK; ZBTB15; ZFP67; ZNF857B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015872
ORF Size:	1617 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204105).
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.
RefSeq:	NM_015872.1 , NP_056956.1
RefSeq Size:	3634 bp
RefSeq ORF:	1619 bp
Locus ID:	51043
Cytogenetics:	1q21.3
Protein Families:	Transcription Factors
MW:	58.5 kDa


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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]