

Product datasheet for **SC332196**

ThPok (ZBTB7B) (NM_001252406) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ThPok (ZBTB7B) (NM_001252406) Human Untagged Clone
Tag: Tag Free
Symbol: ThPok
Synonyms: c-KROX; CKROX; hcKROX; THPOK; ZBTB15; ZFP-67; ZFP67; ZNF857B
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332196 representing NM_001252406.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTTACAGCCTGGTCTCATCCTCCCTACCCCAAGCTGCTGCTCCTGGAGAAGCCTGGCCAGGCCCC
TCTCAGGCTCCCTGGCAGAGCCTAGAGGAGAAGATGGGGAGCCCCGAGGATGACCTGATTGGGATTCCA
TTCCCGGACCACAGCAGTGAAGCTCCTGAGCTGCCTCAATGAGCAGCGCCAGCTGGGCCACCTATGTGAC
CTCACCATCCGGACGCAGGGCCTTGAATACCGCACCCACAGGGCTGTGCTAGCTGCCTGTAGCCACTAC
TTCAAGAAGCTTTTCACTGAGGGCGGTGGCGGAGCTGTCATGGGGGCCGGGGGTAGCGGGACGGCCACT
GGGGGAGCAGGGCCGGTGTGTGTGAGCTGGACTTTGTAGGGCCAGAGGCACTAGCGCCCTCCTTGAA
TTTGCCTATACAGCCACACTGACCACCAGCAGCGCAACATGCCAGCTGTGCTCCAGGCTGCCCGCCTG
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CTCTCTAGCTCGATTCTGGGAGCAGTCAAGCCCCACTGGGCCCGGCTCTACCCAGGGCCCCCT
GATGACGATGAGGAGGAAGGGGCACCCACCACACCCAGGCTGAAGGTGCCATGGAGTCTCTTAA
  
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001252406



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Insert Size:	1722 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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:	NM_001252406.2
RefSeq Size:	4030 bp
RefSeq ORF:	1722 bp
Locus ID:	51043
UniProt ID:	O15156
Cytogenetics:	1q21.3
Protein Families:	Transcription Factors
MW:	61.6 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) represents the longest transcript and encodes the longer isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>