

Product datasheet for SC321964

THEM4 (NM_053055) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: THEM4 (NM_053055) Human Untagged Clone
Tag: Tag Free
Symbol: THEM4
Synonyms: CTMP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC321964
GGGGTAACTCGCACGCGCTCTTGTGGCGGAGGTAGAGTGCGCCGTCCAGGGCTAGAG
CAAGCGCGGCCCGCGGCCGGAGCCATGCTGAGGAGCTGCGCCGCGCCTCCGCACGC
TGGGGCTCTGTGCCGGCCAGTAGGCCGGCGCCTGCCGGAAGCGAGCCGCGACCCG
AGCTGAGGTCATTTCTTCTGAGGAAGTCAATTCTTAAGGACTGTTCTGTCCCAACCCCA
GCTGGAACAAGGACCTAAGACTGCTCTTTGACCAGTTTATGAAGAAATGTGAAGATGGCT
CCTGGAACGTTTGCCTTCATATAAACGTACACCTACTGAATGGATTCAAGACTTCAAAA
CCCATTTCTTGACCCAAAGCTTATGAAAGAAGAACAATGTCACAGGCCAGCTCTTCA
CCAGAAGCTTTGATGATGGCCTGGGCTTGAATACGTGATGTTCTACAATGACATTGAGA
AAAGGATGTTTGTCTTATTTCAAGGAGGCCCTTACCTGGAAGGACCACCTGGATTCAATC
ATGGAGGTGCCATTGCAACCATGATTGATGCTACTGTTGGTATGTGTGCAATGATGGCTG
GGGAATCGTCATGACTGCCAATCTCAACATCAATTATAAAAGACCTATCCCTCTTGT
CTGTTGTTATGATAAATAGCCAACCTTGATAAAGTTGAAGGAAGGAAATTTTTGTTTCCT
GTAATGTTTCAAGTGTGATGAGAAGACCCATACTCAGAGGCGACAAGCTTATTTATAA
AGCTGAATCCTGCTAAAAGTCTGACATAAAGAGCTGCTGGTGAATCCATCTCATTCTCG
CCCCTCCAGAAGAAGCAGTTGTCCCCAAATACTCTGCTCCCTCACTGCTGAATCCCTGT
AGGGAGAAGCCTGCCAACAGTGACCTTCCGAAACAGCCTTCTGAATACAAAGAGGATTCA
GTTTCCATCTTCTCAACTTTTTAACACAGAAACACTTCTGCGAGCATATCGACAACCTCT
CGGGCCAGGCGCTGTGGCTCACACCTATAATCCCAGCACTTTAGGAGGCCGAGGCAGGCG
GATTGCCTGAGCTCAGGAGTTCAAGATCAGTCTGGCAACACGATGAAACTCCGTCTCTA
CTAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_053055



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_053055.3 , NP_444283.2
RefSeq Size:	2224 bp
RefSeq ORF:	723 bp
Locus ID:	117145
UniProt ID:	Q5T1C6
Cytogenetics:	1q21.3
Domains:	4HBT
Protein Families:	Druggable Genome
Gene Summary:	<p>Protein kinase B (PKB) is a major downstream target of receptor tyrosine kinases that signal via phosphatidylinositol 3-kinase. Upon cell stimulation, PKB is translocated to the plasma membrane, where it is phosphorylated in the C-terminal regulatory domain. The protein encoded by this gene negatively regulates PKB activity by inhibiting phosphorylation. Transcription of this gene is commonly downregulated in glioblastomas. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>