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Product datasheet for SC122851

THEG (NM_016585) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THEG (NM_016585) Human Untagged Clone
Tag:	Tag Free
Symbol:	THEG
Synonyms:	CT56; THEG1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_016585 edited GGGGCTGGGAAGGGACCGGTGTATGGGGGACAGCAGGCGAAGGTCACTCGGGAACCAGCC CAGCTCTGAGGCTGCGGGCAGGTCGGAAAGGGAGCAGGACGGCGACCCCCGTGGCCTCCA GAGCTCTGTGTACGAGAGCCGGCGGGTCACAGACCCCGAACGCCAGGACCTGGACAATGC AGAGCTGGGACCAGAAGACCCAGAAGAGGAGCTTCCCCCCGAGGAGGTGGCCGGGGAGGA GTTCCCGGAGACCCTGGATCCCAAAGAGGCACTTTCTGAGTTGGAGAGAGTCCTGGACAA GGACTTGGAAGAGGACATTCCTGAAATCAGCCGGCTGTCCATCAGCCAGAAGCTCCCCAG CACCACCATGACCAAAGCAAGGAAGAGGAGGAGGCGGAGGAGGCTCATGGAGCTGGCAGA GCCCAAGATAAACTGGCAAGTCCTGAAAGACAGGAAGGGACGCTGTGGTAAGGGGTATGC CTGGATCTCCCCATGTAAGATGAGCTTGCACTTCTGTCTCTGCTGGCCCTCTGTGTACTG GACCGAGCGGTTCCTTGAGGACACCACCCTCACCATCACAGTGCCCGCGGTGTCCCGCCG CGTGGAGGAACTGTCTCGGCCCAAGAGATTCTACCTGGAATATTACAACAACAACAGGAC GACTCCTGTCTGGCCCATTCCTCGGTCCTCCCTGGAATACAGAGCGTCGAGTCGCCTGAA GGAACTGGCCGCCCCGAAGATTCGTGATAACTTCTGGAGCATGCCCATGTCTGAGGTGTC CCAGGTATCCAGGGCAGCCCAAATGGCAGTCCCCAGCTCGCGGATCCTCCAGTTGTCAAA GCCGAAGGCCCCAGCCACCCTCTTGGAAGAGTGGGACCCCGTGCCAAAACCCAAGCCACA TGTGTCAGACCATAACCGCCTCCTTCACTTGGCCAGGCCCAAAGCTCAGTCGGACAAGTG CGTTCCTGACCGAGATCCTCGCTGGGAGGTGCTGGATGTCACCAAGAAGGTGGTGGCCAG CCCCCGGATCATCTCCCTGGCCAAGCCCAAAGTGCGCAAGGGCCTCAACGAGGGATACGA CAGGCGTCCCCTCGCCTCTATGAGCTTGCCACCCCCAAAAGCATCACCAGAAAAGTGTGA TCAACCCAGGCCTGGCCTCTAAGACCTCCGCTCCCAGTAAACACCCTCAGGCACCCGAAA AAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016585 unedited
NGGGTTAGATTTGTATACGACTCATATAGGCGGCCGCATAACTTCGTATAGCATACATTA
TACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGGGGGCTG
GGAAGGGACCGGTGTATGGGGGACAGCAGGCGAAGGTCACTCGGGAACCAGCCCAGCTCT
GAGGCTGCGGGCAGGTCGGAAAGGGAGCAGGACGGCGACCCCCGTGGCCTCCAGAGCTCT
GTGTACGAGAGCCGGCGGGTCACAGACCCCGAACGCCAGGACCTGGACAATGCAGAGCTG
GGACCAGAAGACCCAGAAGAGGAGCTTCCCCCCGAGGAGGTGGCCGGGGAGGAGTTCCCG
GAGACCCTGGATCCCAAAGAGGCACTTTCTGAGTTGGAGAGAGTCCTGGACAAGGACTTG
GAAGAGGACATTCCTGAAATCAGCCGGCTGTCCATCAGCCAGAAGCTCCCCAGCACCACC
ATGACCAAAGCAAGGAAGAGGAGGAGGCGGAGGAGGCTCATGGAGCTGGCAGAGCCCAAG
ATAAACTGGCAAGTCCTGAAAGACAGGAAGGGACGCTGTGGTAAGGGGTATGCCTGGATC
TCCCCATGTAAGATGAGCTTGCACTTCTGTCTCTGCTGGCCCTCTGTGTACTGGACCGAG
CGGTTCCTTGAGGACACCACCCTCACCATCACAGTGCCCGCGGTGTCCCGCCGCGTGGAG
GAACTGTCTCGGCCCAAGAGATTCTACCTGGAATATTACAACAACCACAGGACGACTCCT
GTCTGGCCCATTCCTCGGTCCTCCCTGGAATACAGAGCGTCGAGTCGCCTGAAGGACTGG
CCGNCCCGAAGATCGTGATAACTCTGGGACATGCCATGTCTGAGTGTCCCAGTATCCAGG
CAG

Restriction Sites: Please inquire

ACCN: NM_016585

Insert Size: 1218 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:
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_016585.3, NP_057669.1

RefSeq Size: 1337 bp

RefSeq ORF: 1140 bp

Locus ID: 51298

UniProt ID: Q9P2T0

Cytogenetics: 19p13.3

Gene Summary: This gene is specifically expressed in the nucleus of haploid male germ cells. The orthologous gene in mice encodes a protein that may play a role in protein assembly through interactions with T-complex protein 1 subunit epsilon. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Transcript Variant: This variant (1, also known as THEG major) represents the longer transcript and encodes the longer isoform (1).