

Product datasheet for **SC122544**

TET3 (BC022243) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TET3 (BC022243) Human Untagged Clone
Tag: Tag Free
Symbol: TET3
Synonyms: hCG_40738
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC022243 edited
GGCCCCACGGTCGCCTCTATCCGGAACTCATGGAGGAGCGGTATGGAGAGAAGGGGAAA
GCCATCCGGATCGAGAAGGTCATCTACACGGGGAAGGAGGGAAAGAGCTCCCGCGTTGC
CCCATTGCAAAGTGGGTGATCCGCAGGCACACGCTGGAGGAGAAGCTACTCTGCCTGGTG
CGGCACCGGGCAGGCCACCACTGCCAGAACGCTGTGATCGTCATCCTCATCCTGGCCTGG
GAGGGCATTCCCGTAGCCTCGGAGACACCCTCTACCAGGAGCTACCGACACCTCCGG
AAGTATGGGAACCCACCAGCCGAGATGCGGCCTCAACGATGACCGGACCTGCGCTTGC
CAAGGCAAAGACCCCAACACCTGTGGTGCCTCCTTCTCCTTTGGTTGTTCTGGAGCATG
TACTTCAACGGTGCAAGTATGCTCGGAGCAAGACACCTCGCAAGTTCGCTCGCAGGG
GACAATCCCAAAGAGGAAGAAGTCTCCGGAAGAGTTCCAGGACCTGGCCACCGAAGTC
GCTCCCCTGTACAAGCGACTGGCCCTCAGGCCTATCAGAACCAGGTGACCAACGAGGAA
ATAGCGATTGACTGCCGTCTGGGCTGAAGGAAGGACGGCCCTTCGCGGGGGTACAGGCC
TGCATGGACTTCTGTGCCACGCCACAAAGGACCAGCATAACCTCTACAATGGGTGCACC
GTGGTCTGCACCCTGACCAAGGAAGACAATCGCTGCGTGGGCAAGATTCCCGAGGATGAG
CAGCTGCATGTTCTCCCTGTACAAGATGGCCAACACGGATGAGTTTGGTAGCGAGGAG
AACCAGAAATGCAAAGGTGGGCAGCGGAGCCATCCAGGTGCTACCGCCTTCCCCGCGAG
GTCCGACGCTGCCGAGCCTGCCAAGTCTGCCGCCAGCGGCAGCTGGAAGCCAGAAAG
GCAGCAGCCGAGAAGAAGAAGATTGAGAAGGAGAAGCTGAGCACTCCGGAGAAGATCAAG
CAGGAGCCCTGGAGCTGGCGGGCATTACGTCCGACCCAGGCCTGTCTCTGAAGGTGGA
TTGTCCCAGCAAGGCCTGAAGCCCTCCCTCAAGGTGGAGCCGAGAACCCTTCAAGTCC
TTCAAGTACAGCGCAACGCGGTGGTGGAGAGCTACTCGGTGCTGGGCAACTGCCGGCCC
TCCGACCTTACAGCATGAACAGCGTGTACTCCTACCACTCCTACTATGCACAGCCAGC
CTGACCTCCGTCAATGGCTTCCACTCCAAGTACGCTCTCCGTCTTTAGCTACTATGGC
TTTCCATCCAGCAACCCCGTCTTCCCTCTCAGTTCCTGGGTCTGGTGCCTGGGGGCAT
AGTGGCAGCAGTGGCAGTTTTGAGAAGAAGCCAGACCTCCAGCTCTGCACAACAGCCTG
AGCCCGGCTACGGTGGTGTGAGTTTGCCGAGCTGCCAGCCAGGCTGTTCCACAGAC
GCCACCACCCACTCCTCACCACCAGCAGCCTGCGTACCCAGGCCCAAGGAGTATCTG



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CTTCCCAAGGCCCCCTACTCCACTCAGTGCCAGGGACCCCTCCCCCTTTGCCAGAGC
 TCCAACCTGCTACAACAGATCCATCAAGCAAGAGCCAGTAGACCCGCTGACCCAGGCTGAG
 CCTGTGCCAGAGACGCTGGCAAGATGGGCAAGACACCTCTGTCCGAGGTGTCTCAGAAT
 GGAGGACCCAGTCACCTTTGGGGACAGTACTCAGGAGGCCAAGCATGTCCCCAAGAGG
 ACTAACGGTGTGGGTGGCAGCTGGGGTGTGTTCTCGTCTGGGAGAGTCTGCCATCGTC
 CCTGACAAGCTCAGTTCCTTTGGGGCCAGCTGCCTGGCCCTTCCCACTTCACAGATGGC
 CAGTGGGGGCTGTTCCCGGTGAGGGGCAGCAGGCAGTTCCTCCACTCTGGAGGACGGCTG
 CGAGGCAAACCGTGGAGCCCTGCAAGTTTGGGAACAGCACCTCGGCCTTGGCTGGGCC
 AGCCTGACTGAGAAGCCGTGGGGCTGGGGCAGGGGATTTCAACTCGGCCCTGAAAGGT
 AGTCTGGGTTCCAAGACAAGCTGTGGAACCCATGAAAGGAGAGGAGGGCAGGATTCCA
 GCCGAGGGGCCAGCCAGCTGGACAGGGCTGGCAGTCTTTGGTCTGCCCTGGGATCC
 AGCGAGAAGCTGTTTGGGGCTCTGAAGTCAGAGGAGAAGCTGTGGGACCCCTTCAGCCTG
 GAGGAGGGGCCGGCTGAGGAGCCCCCAGCAAGGGAGCGGTGAAGGAGGAGAAGGGCGGT
 GGTGGTGGGAGGAGGAAGAGGAGGAGCTGTGGTGGACAGTGAACACAACCTTCTGGAC
 GAGAACATCGGGCGCTGGCCGTGGCCCCAGCCACGGTCCATCCTCATCGAGTGTGCC
 CGGCGGGAGCTGCACGCCACCACGCCGTTAAGAAGCCCAACCGTGGCACCCACCCGC
 ATCTCGTGGTCTTCTACCAGCAAGAACCTCAACCAGCCCAACCACGGGCTGGCCCTC
 TGGGAAGCCAAGATGAAGCAGCTGGCGGAGAGGGCACGGGCAGGAGGAGGCTGCC
 CGGCTGGGCTGGGCCAGCAGGAGGCCAAGCTCTACGGGAAGAAGCGCAAGTGGGGGGC
 ACTGTGGTTGCTGAGCCCCAGCAGAAAGAGAAGAAGGGGGTGTCCCCACCCGGCAGGCA
 CTGGCTGTGCCACAGACTCGGCGGTACCGTGTCTCCTATGCCTACACGAAGTCACT
 GGCCCCACAGCCGCTGGATCTAGGTGCCAGGGAGCCAGCGTACCTCAGCGTCGGGCTG
 GCCCGAGCTGTCTGTGGTGTCTTTGCCCTCATACCTGGGGGCGGGTTGGGGTGCAGA
 AGTCTTTTTATCTATATACATATATAGATGCGCATATCATATATATATATATATGATGTC
 CAAACCTCAGAAGTACCCGCCCTCCCTTACCCCACTTCCCCAGCACTTTGAAGAAGA
 AACTACGGCTGTGGGTGATTTTTCCGTGATCTTAATATTTATATCTCCAAGTTGTCCC
 CCCCCTGTCTGGGGGTTTTTATTTTTATTTCTTTTGTTTTTAAACTCTATCCTTG
 TATATACAATAATGAAAGAAAGTTTATAGTATCCTTTCACAAAGGAGTAGTTTTAAAA
 AAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for BC022243 unedited
 GGAAAGTGCCGATTTGTATACNACTCACTATAGGCGGCCGNAATCCCCGCAATCGTGC
 ACCCACGCGTCCGGGCCACGTCGCTCTATCCGGNAACTCATGGAGGAGCGGTATGG
 AGAGAAGGGAAAGCCATCCGGATCGAGAAGGTATCTACACGGGGAAGGAGGAAAGAG
 CTCCCGCGGTTGCCCATTGCAAAGTGGGTGATCCGCAGGCACACGCTGGAGGAGAAGCT
 ACTCTGCCTGGTGGCCACCGGGCAGGCCACCACTGCCAGAACGCTGTGATCGTCATCCT
 CATCCTGGCCTGGGAGGGCATTCCCGTAGCCTCGGAGACACCCTCTACCAGGAGCTCAC
 CGACACCTCCGGAAGTATGGGAACCCACCAGCCGGAGATGCGGCCTCAACGATGACCG
 GACCTGCGCTTGCCAAGGCAAAGACCCCAACACCTGTGGTGCCTCCTTCTCCTTTGGTTG
 TTCTGGAGCATGTACTTCAACGGCTGCAAGTATGCTCGGAGCAAGACACCTCGCAAGTT
 CCGCCTCGCAGGGGACAATCCCAAAGAGGAAGAAGTGCTCCGGAAGGTTTCCAGGACCT
 GGCCACCGAAGTCGCTCCCTGTACAAGCGACTGGCCCTCAGGCCTATCAGAACCAGGT
 GACCAACGAGGAAATAGCGATTGACTGCCGTCTGGGGCTGAAGGAAGGACGGCCCTTCG
 GGGGTACGGCTGCATGGACTTCTGTGCCACGCCACAAGGACCAGCATAACCTCTA
 CAATGGGTGCACCGTGGTCTGCACCCTGACCAAGGAATGACATCGCTGCGTGGCAAGAT
 TCCCGAGGATGAGCAGCTGCATGTTCTCCCTGGTACAGATGGCCAACACGGNATGAGT
 TG

Restriction Sites:

Please inquire

ACCN:

BC022243

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:	BC022243.1 , AAH22243.1
RefSeq Size:	3251 bp
Locus ID:	200424
Cytogenetics:	2p13.1
Protein Families:	Transcription Factors
Gene Summary:	Members of the ten-eleven translocation (TET) gene family, including TET3, play a role in the DNA methylation process (Langemeijer et al., 2009 [PubMed 19923888]).[supplied by OMIM, Nov 2010]