

Product datasheet for **SC338105**

TET3 (NM_001287491) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TET3 (NM_001287491) Human Untagged Clone
Tag:	Tag Free
Symbol:	TET3
Synonyms:	BEFAHRS; hCG_40738
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001287491, the custom clone sequence may differ by one or more nucleotides

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ATGAGCCAGTTTCAGGTGCCCTGGCCGTCCAGCCGGACCTGCCAGGCCTTTATGACTTCCCTCAGCGCC
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GTGTACCATGGGACTCACGGCAGCTAAGCGCCTCAGGGGTGCCGGTCAATGGTGTAGAGAGCCCCTG
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CCTCTTCTAGAACAGGTGCACGACACCTCCTTCCTGCTCCTTCAGAGCCTTCTGCTCCTGGCTGGTGG
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GTTGCTGAGCCCCAGCAGAAAGAGAAGAAGGGGGTCGTCCCCACCCGGCAGGCACTGGCTGTGCCACAG
ACTCGGCGGTCACCGTGTCTCTATGCCTACACGAAGGTCCTGACGCGGCTGGATCTAG

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001287491
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:	<u>NM_001287491.1, NP_001274420.1</u>
RefSeq Size:	11405 bp
RefSeq ORF:	5388 bp
Locus ID:	200424
UniProt ID:	<u>O43151</u>
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]