

Product datasheet for **SC309334**

HTF9C (TRMT2A) (NM_182984) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HTF9C (TRMT2A) (NM_182984) Human Untagged Clone
Tag:	Tag Free
Symbol:	HTF9C
Synonyms:	HTF9C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC309334 representing NM_182984.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGTGAGAACCTCGACAACGAGGGCCCGAAGCCCATGGAGAGCTGTGCCAGGAGAGCAGCAGTGCC
CTGAGCTGCCCTACCGTCTCGGTGCCCTGCAGCCCCGGCAGCCCTGGAGGAGGTGGAGAAAGAGGGC
GCTGGGGCGGCTACAGGGCCGGGGCTCAGCCCGGGCTCTACAGCTACATCAGGGATGACTTGTTTACC
TCTGAGATCTTTAAACTGGAGCTGCAGAACGTGCCTCGCCACGCCAGCTTCAGCGACGTCCGGCGCTTC
CTGGGCGCTTTGGTCTGCAGCCCCACAAAACAACTCTTTGGGCAACCACCCTGCGCCTTTGTGACA
TTCCGCAGCGCTGCAGAGAGGGACAAGGCCCTGCGCGTTTTGCATGGTGCCTCTGGAAAGGCCGCCA
CTCAGTGTGCGCTGGCCCGGCCAAGGCCGACCCATGGCCAGGAGGAGCGACAGGAGGTGAGAGT
GAGCCACCAGTAACACGAGTGGCCGACGTGGTACCCCTCTATGGACAGTGCCCTATGCTGAGCAGCTT
GAGCGGAAGCAGCTGGAGTGCAGCAGGTGCTGCAGAACTTGCCAAAGAAATCGGGAGCACCAACCGT
GCCTTGCTGCCCTGGCTGCTCGAGCAGAGGCACAAGCACAACAAGCCTGCTGCCCGCTGGAGGGGGTC
AGGCCATACCCAGCAGACTGAGTATCGTAATAAGTGTGAGTTTCTGGTTGGCGTCGGGGTGGATGGG
GAGGATAACACCGTGGGCTGTGGCTCGGCAAGTACAAGGGCGGGACGTGTGCTGTGGCAGCCCCGTTT
GACACCGTGCACATCCCCGAAGCCACCAAGCAGGTGGTGAAGGCCTTCCAGGAGTTCATCCGGTCCACT
CCATACTCGGCATACGACCCAGAGACGTACACAGGCCACTGGAAGCAGCTGACTGTGCGCACAGCCGC
CGCCACCAGGCCATGGCCATTGCCTACTTCCACCCCAAGCTGAGCCCTGAGGAGCTGGCAGAGCTG
AAGACCTCCCTAGCGCAGCACTTACAGCAGGGCCAGGCAGGGCCAGTGGAGTGAACCTGCTACTTTC
GTGGAGGAGGGACAGCGAAAGACTCCTAGCCAGGAGGGCTGCCCTGGAGCATGTGGCTGGGACCGG
TGCATCCACGAGGACCTGCTAGGGTACCTTCCGGATCTTCCACACGCCTTCTCCAGTGAACACA
CCCGCAGCCGAGGTGCTCTACACAGTATCCAGGACTGGGCCAATTGGATGCGGGGAGCATGGTGTCTG
GACGTGTGCTGTGGCACCAGCCATTGGCCTGGCCCGAAGGTAAAGAGGGTCAATTGGGGTC
GAGCTATGCCAGAGGCTGTGGAGGACGCCGGTGAACGCCAGGACAATGAGTTGAGTAAATGTGGAG
TTCCACTGCGGGAGGGCCGAGGACCTGGTGGCCACCCTGGTGGCAGACTGGCCTCCAGCACCTCGTG
GCCATCTGGACCACCCCGTGTGGCTGCAATCCAAGGTGATCCTGGCCATCCGGAGAGCTAAGAAC
CTCAGGCGGCTGTGTACGTCTCATGCAACCCCGGGCAGCCATGGGCACTTTGTGGACCTCTGCAGA
GCCCATCTAACCGGTGAAGGGCATTCCCTTCCGGCCGGTCAAGGCTGTGGCAGTGACCTGTTCCCG
CAGACCCCGCACTGTGAGATGCTCATCCTGTTTGGAGGGTGGAGCACCCCAATGGCACAGGGGTCTTG
GGCCCCACAGCCCTCCAGCTCAACCCACACCAGGACCCAGATAACACCTACAAGAACTGGGACC
TTCCCTCATCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_182984

Insert Size: 1878 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).

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:

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_182984.4](#)

RefSeq Size: 2857 bp

RefSeq ORF: 1878 bp

Locus ID: 27037

UniProt ID: [Q8IZ69](#)

Cytogenetics: 22q11.21

Protein Families: Druggable Genome

MW: 68.7 kDa

Gene Summary: The protein encoded by this gene is of unknown function. However, it is orthologous to the mouse *Trmt2a* gene and contains an RNA methyltransferase domain. Expression of this gene varies during the cell cycle, with aberrant expression being a possible biomarker in certain breast cancers. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a).