

Product datasheet for SC332558

HTF9C (TRMT2A) (NM_001257994) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: HTF9C (TRMT2A) (NM_001257994) Human Untagged Clone
Tag: Tag Free
Symbol: HTF9C
Synonyms: HTF9C
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332558 representing NM_001257994.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGTGAGAACCTCGACAACGAGGGCCCAAGCCATGGAGAGCTGTGGCCAGGAGAGCAGCAGTGCC
CTGAGCTGCCCTACCGTCTCGGTGCCCTGCAGCCCCGGCAGCCCTGGAGGAGGTGGAGAAAGAGGGC
GCTGGGGCGGCTACAGGGCCGGGCTCAGCCCCGGCTCTACAGCTACATCAGGGATGACTTGTTTACC
TCTGAGATCTTTAACTGGAGCTGCAGAACGTGCCTCGCCACGCCAGCTTCAGCGACGTCCGGCGCTTC
CTGGGCCGCTTTGGTCTGCAGCCCCACAAAACAACTCTTTGGGCAACCACCCTGCGCCTTTGTGACA
TTCCGCAGCGCTGCAGAGAGGGACAAGGCCCTGCGCGTTTTGCATGGTGCCTCTGGAAAGCCGCCCA
CTCAGTGTGCGCCTGGCCCGGCCAAGGCCGACCCATGGCCAGGAGGAGCGACAGGAGGTGAGAGT
GAGCCACCAAGTAACACGAGTGGCCGACGTGGTGCACCCCTCTATGGACAGTGCCTATGCTGAGCAGCTT
GAGCGGAAGCAGCTGGAGTGCAGCAGGTGCTGCAGAACTTGCCAAGGAAATCGGGAGCACCAACCGT
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AGGCCATACCCAGCAGACTGAGTATCGTAATAAGTGTGAGTTTCTGGTTGGCTCGGGGTGGATGGG
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GACACCGTGCACATCCCCGAAGCCACCAAGCAGGTGGTGAAGGCCTTCCAGGAGTTCATCCGGTCCACT
CCATACTCGGCATACGACCCAGAGACTACACAGGCCACTGGAAGCAGCTGACTGTGCGCACAGCCGC
CGCCACCAGGCCATGGCCATTGCCACTTCCACCCCAAGAGCTGAGCCCTGAGGAGCTGGCAGAGCTG
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GTGGAGGAGGGACAGCGAAAGACTCCTAGCCAGGAGGGCCTGCCCTGGAGCATGTGGTGGGACCGG
TGCATCCACGAGGACCTGCTAGGGCTGACCTTCCGGATCTCTCCACAGCCTTCTCCAGGTGAACACA
CCCGCAGCCGAGGTGCTTACACAGTCTCCAGGACTGGGCCAATTGGATGCGGGGAGCATGGTGTG
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TTCCACTGCGGGAGGGCCGAGGACCTGGTGCACCCCTGGTGGCAGACTGGCCTCCAGCACCCTGTG
GCCATCTGGACCACCCGCTGCTGGCTTGCATTCGAAGGTGATCCTGGCCATCCGGAGAGCTAAGAAC
CTCAGGGCGCTGCTGTACGTCTCATGAACCCCGGGCAGCCATGGGCAACTTTGTGGACGCCCCCTT
TTCCCCCACAGCCTCTGCAGAGCCCCATCTAA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001257994



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Insert Size:	1689 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:	<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_001257994.1
RefSeq Size:	3003 bp
RefSeq ORF:	1689 bp
Locus ID:	27037
UniProt ID:	Q8IZ69
Cytogenetics:	22q11.21
Protein Families:	Druggable Genome
MW:	62 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) uses an alternate splice junction at the 5' end of a coding exon compared to variant 1. The resulting isoform (b) has a shorter and distinct C-terminus compared to isoform a.</p>