

Product datasheet for **SC205372**

CSKMT (NM_001043229) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CSKMT
Synonyms:	CS-KMT; METTL12; U99HG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001043229
Insert Size:	417 bp
Insert Sequence:	<p>>SC205372 3' UTR clone of NM_001043229</p> <p>The sequence shown below is from the reference sequence of NM_001043229. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon</p>

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GCATCACCTACTTTGCTTACTTGATTCAAGGCTCTCATTAAGACATTTTAGTAGTCCTGACCCTAGTAT
TTCTGTGGGCAAGGAGAGGGCTGAAGAACTGTCTTTGCAAGCTATCTGGCTGCAAAGTGAGAATTTGAGT
CCTGGCTTCCACATTTACTAGCTGGGTGCCATATTGCTGAATGTTTCTGTTCCCGAGTTTACTCATCTGC
AGAGTGAGAATAACTTGGAGTTACGGAGATTACATACAATGATGTGCGCAATATTTAGCACAAAATGAAT
GCTGAAAAGAGAAGGTACAATTGGGTCAATCCCGAGTTTCACTAACTGGAGCTCCTAAAAGCAGCAGAC
AGGAAGTGAATCAAACCCCTGCGCTGACTGACTTGATAATCTAGTGGCTAACCTGTAAGCCTCA

ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001043229.1</u>
Summary:	Protein-lysine methyltransferase that selectively trimethylates citrate synthase (CS) in mitochondria (PubMed:28391595, PubMed:28887308). Seems to conduct trimethylation in a highly distributive manner rather than in a processive manner, and thus introduces a single methyl group per binding event (PubMed:28887308).[UniProtKB/Swiss-Prot Function]
Locus ID:	751071