

## **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 Neomycin

Selection:

**Vector:** pMirTarget (PS100062)

ACCN: NM\_001043229

Insert Size: 417 bp

Insert Sequence: >SC205372 3' UTR clone of NM\_001043229

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

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

**ACGCGT**AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: Sqfl-Mlul

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

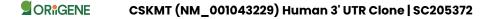
(SNPs).



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

EU: info-de@origene.com CN: techsupport@origene.cn



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

methly group per binding event (PubMed:28887308).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 751071