

Product datasheet for **SC201950**

OSGEP (NM_017807) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OSGEP (NM_017807) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	OSGEP
Synonyms:	GAMOS3; GCPL1; KAE1; OSGEP1; PRSMG1; TCS3
ACCN:	NM_017807
Insert Size:	182 bp
Insert Sequence:	>SC201950 3' UTR clone of NM_017807 The sequence shown below is from the reference sequence of NM_017807. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon
	 CAATTGGCAGAGCTCAGAATTCA GCGATCGC
	 GAAGTAGAGGTGACCTGGAGGGACT TA AAGATCAACAGAATCAGAGTAGATAGTTCCTTAATCGGAACC CAAAGGACCCCGTGCCTCAATCTCTATCCTGATGTCATGGGAGTCTAGCAAAGCTATAGACTCCAAGCA AGGCTTGGGGTCTTTATGGAACCCAGGATGACTCAGCAAT
	 ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG
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.
RefSeq:	<u>NM_017807.2</u>



[View online »](#)

Summary: Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in tRNAs that read codons beginning with adenine. The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. OSGEP likely plays a direct catalytic role in this reaction, but requires other protein(s) of the complex to fulfill this activity.[UniProtKB/Swiss-Prot Function]

Locus ID: 55644