

Product datasheet for **SC210086**

C14orf142 (GON7) (NM_032490) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: C14orf142

Synonyms: C14orf142; PNAS-127

Mammalian Cell Selection: Neomycin

Vector: pMirTarget (PSI00062)

ACCN: NM_032490

Insert Size: 824 bp

Insert Sequence: >SC210086 3'UTR clone of NM_032490
The sequence shown below is from the reference sequence of NM_032490. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGCAAAACGGCCAAAAACACCGTCTTAAACAATAGCCTTCATGACATTTAAAAGATGGCTGTTGTATC
CTTATTGTCACACTAGGACATTTAAGGAAGACTTATGCTCTAATTTGGAAAAAGCATTTGTGTTGTTCT
CCTGGGACAATTTTGTCAAAGAGAAAACCTGGTTTTCTGTTTCTAGCAAAGATAGTAAAGGCTTAGAAA
TAAAATCTGTTTTCTTGAGAAATAAATTTTCAGACCCTGGAAGGAAAAATAGAACACTTCATAATGTATAA
AATCCTCTAAGTTGGCAACTGAATTTTATCATTGTTTTCTATTTTAAAAATAATCATTGATTTGTGTG
ATGTCTACATCTTTAACTTCTGTTCTGTTATAAAGAGTACATGTCACGGTTCATAGGCAGTAACATT
TCAGAGAACTGACATGAACAAGTAGTGAATTTGGGCATTAATATAAAAAATAACAGTTCTTCATAAAC
AGAAGGAAAAATAAGGAAATAGAAATACCGACGAGAAAGGAGAGTCCCTTGAAAGAGACCAAGGAAACCC
TGAATTCATACCCACGTCAAATATGCACATATCCTGAGATGATGCCACTTTGATGAATGTGCATTAGTC
TGATTTATCATGTACCTTAAGAGAGCCAGATGGGGTATGTTTTGTGCTGTGATATGGTATTTATACAG
GTACAAATATAAGGCCTTAAGTAAACAATCTGCATTGATTACAATTTGGATATTTCTCTCCTCTGTA
GCCATACTTTGATTTTGTCTTTAAAAAGATTATTGAATCCTTTTAAAAATATATATTCCTAAAAATA
ACGCGTAAGCGGGCGCGGCATCTAGATTTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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:	NM_032490.5
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. GON7 likely plays a supporting role to the catalytic subunit OSGEP in the complex.[UniProtKB/Swiss-Prot Function]
Locus ID:	84520
MW:	32.7