

Product datasheet for **SC202265**

ATR (NM_001184) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ATR (NM_001184) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ATR
Synonyms: FCTCS; FRP1; MEC1; SCKL; SCKL1
ACCN: NM_001184
Insert Size: 221 bp
Insert Sequence: >SC202265 3' UTR clone of NM_001184
The sequence shown below is from the reference sequence of NM_001184. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCA**GCGATCGC**

GCCAGATGTATCTTGGTTGGACTCCATATATGT**GA**AATGAAATTATGTAAAAGAATATGTTAATAATCTA
AAAGTAATGCATTTGGTATGAATCTGTGGTTGTATCTGTTC**A**AATTCTAAAGTACAACATAAATTTACGTT
CTCAGCAACTGTTATTTCTCTCTGATCATTAAATTATATGTAAAATAATATACATT**CAG**TTATTAAGAAAT
AAACTGCTTTC

ACGCGTAAGCGGCCGCGGCATCTAGATT**CGA**AGAAAATGACCG

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: [NM_001184.3](#)



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Summary: The protein encoded by this gene is a serine/threonine kinase and DNA damage sensor, activating cell cycle checkpoint signaling upon DNA stress. The encoded protein can phosphorylate and activate several proteins involved in the inhibition of DNA replication and mitosis, and can promote DNA repair, recombination, and apoptosis. This protein is also important for fragile site stability and centrosome duplication. Defects in this gene are a cause of Seckel syndrome 1. [provided by RefSeq, Aug 2017]

Locus ID: 545