

Product datasheet for **SC205900**

PES1 (NM_014303) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PES1 (NM_014303) Human 3' UTR Clone
Symbol: PES1
Synonyms: NOP7; PES
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_014303
Insert Size: 458 bp
Insert Sequence: >SC205900 3' UTR clone of NM_014303

The sequence shown below is from the reference sequence of NM_014303. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TGAGGTCTGAGAAGAAGGCCAAGAAGGCAAGGCCGGAGTGAAGTGCCTGCGGCCCTCACAGGGCTGAGGC
CAGCCCCTAGCAGCTGGATGTGGCAGAGGCAGGCCAGAGGACCTAAGTGTGATGGACCAGAGTCACTTCT
CCTCCTCCTTTCTCCAGCCAGCCCTGACCCCTCATGCTCTCTGGCTGGGCCAGTGGCCAGCCCTCGTTT
CCTTGGATGGAGCTGCCCTGCTGGTGCCTGGTCAGAGAAGAGGCCCTGTGCCAGCCTGATTCTCTGCT
CCCAGGAGCCAGTGACATGAGGTGCAGAGGCCACCCAGCCCCCTACCTACTGCCCCATTTCATCCTGGC
TTTCCACAGCCCCCTCCACACAGTTGGACCCGTGATTCTCAGGGTGTGTGATGGGGTGAGGGTAGGGG
GAGCATTGTATTAAATGACTGGACTTTTGTGCCAAT

ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCG

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).



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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_014303.2
Summary:	This gene encodes a nuclear protein that contains a breast cancer associated gene 1 (BRCA1) C-terminal interaction domain. The encoded protein interacts with BOP1 and WDR12 to form the PeBoW complex, which plays a critical role in cell proliferation via pre-rRNA processing and 60S ribosomal subunit maturation. Expression of this gene may play an important role in breast cancer proliferation and tumorigenicity. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Pseudogenes of this gene are located on the long arm of chromosome 4 and the short arm of chromosome 9. [provided by RefSeq, Aug 2011]
Locus ID:	23481