

Product datasheet for **SC204773**

Exonuclease 1 (EXO1) (NM_006027) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Exonuclease 1 (EXO1) (NM_006027) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EXO1
Synonyms: HEX1; hExo1
ACCN: NM_006027
Insert Size: 385 bp
Insert Sequence: >SC204773 3'UTR clone of NM_006027

The sequence shown below is from the reference sequence of NM_006027. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCCGTGTTCAAAGAGCAATATCCAGTAATGCAGACTGCTGCAAAGCTTTTTCCTGCAAGAGAATCT
GATCAATTTGAAGTCCCTGTTTGGGAATGAGGCATTATCAGCATGAAGAATTTTTCTCATTCTGTGC
CATTTTAAAAATAGAATACATTTTGTATATTAACCTTTATAAATTGGTGTGGTTTTTTGCTCAGCTTT
TTATATTTTATAAGAAGCTAAATAGAAGAATAATTGTATCTCTGACAGTTTTTGGAGTTTTAGTGT
TAATTGGGAAAATCCTCTGGAGTTTATAAAAGTCTACTCTAAATATTTCTGTAATGTTGTCAAGTAGAA
AGATAGTAAATGGAGAACTACAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_006027.4](#)



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Summary: This gene encodes a protein with 5' to 3' exonuclease activity as well as an RNase H activity. It is similar to the *Saccharomyces cerevisiae* protein Exo1 which interacts with Msh2 and which is involved in mismatch repair and recombination. Alternative splicing of this gene results in three transcript variants encoding two different isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 9156

MW: 15.5