

Product datasheet for **SC204772**

Exonuclease 1 (EXO1) (NM_130398) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Exonuclease 1 (EXO1) (NM_130398) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EXO1
Synonyms:	HEX1; hExo1
ACCN:	NM_130398
Insert Size:	369 bp
Insert Sequence:	>SC204772 3'UTR clone of NM_130398

The sequence shown below is from the reference sequence of NM_130398. 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
GGCCGTGTTCAAAGAGCAATATCCAGTAATGCAGACTGCTGCAAAGCTTTTTCCTGCAAGAGAATCT
GATCAATTTGAAGTCCCTGTTTGGGAATGAGGCACTTATCAGCATGAAGAATTTTTCTCATTCTGTGC
CATTTTAAAAATAGAATACATTTTGTATATTAACCTTTATAAATTGGTTTGTGGTTTTTTTGCACGCTTT
TTATATTTTTATAAGAAGCTAAATAGAAGAATAATTGTATCTCTGACAGGTTTTTGGAGTTTTAGTGT
TAATTGGGAAAATCCTCTGGAGTTTATAAAAGTCTACTCTAAATATTTCTGTAATGTTGTCAAGTAGAA
AGATAGTAAATGGAGAACTACAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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_130398.4</u>



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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: 14.8