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Product datasheet for SC206517

Exonuclease 1 (EXO1) (NM_003686) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Exonuclease 1 (EXO1) (NM_003686) Human 3' UTR Clone
Symbol:	Exonuclease 1
Synonyms:	HEX1; hExoI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003686
Insert Size:	512 bp
Insert Sequence:	>SC206517 3'UTR clone of NM_003686 The sequence shown below is from the reference sequence of NM_003686. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TGGAAAAACTTTGGATTTAAAAAATTCTGAAAAGCTTCCTCCTTGTAAGAAACCCCTGTCCCCAGTCAG AGATAACATCCAACTAACTCCAGAAGCGGAAGAGGATATATTTAACAAACCTGAATGTGGCCGTGTTCA AAGAGCAATATTCCAGTAAATGCAGACTGCTGCAAAGCTTTTGCCTGCAAGAGAATCTGATCAATTTGA AGTCCCTGTTTGGGAATGAGGCACTTATCAGCATGAAGAATTTTTTCTCATTCTGTGCCATTTTAAAAA TAGAATACATTTTGTATATTAACTTTATAATTGGGTTGTGGTTTTTTTGCTCAGCTTTTTATATTTTTA TAAGAAGCTAAATAGAAGAATAATTGTATCTCTGACAGGTTTTTGGAGGTTTTAGTGTTAATTGGGAAA ATCCTCTGGAGTTTATAAAAGTCTACTCTAAATATTTCTGTAATGTTGTCAAGTAGAAAGATAGTAAAT GGAGAAACTACAAAAAAAAAAAAAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_003686.4
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:	19.3