

Product datasheet for **SC210743**

EXOSC6 (NM_058219) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EXOSC6 (NM_058219) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EXOSC6
Synonyms:	EAP4; hMtr3p; MTR3; Mtr3p; p11
ACCN:	NM_058219
Insert Size:	2000 bp



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Insert Sequence: >SC210743 3'UTR clone of NM_058219
 The sequence shown below is from the reference sequence of NM_058219. 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
CGCCGCAGGGGCCCGCCGCCAGCCCTGAACCAGAAGCCTGAGCAACTACGGACGCAAGCCGAGGACC
GTGCTGCCGCGTCCACGAAAAGACCCGCGCCATCGGCCTCCAGTTTGCCTCGAGAATTCCTGGAAGGG
CCCTGATATGACTGTGGTTGGACTGACCTGACTGCCAGATGGTGGGACTTGGTCTGGAGCAGGGACTAC
TTGGAATGATAAAGGCAAACTCAACAGCCCTGGAGCTGCGCTTGTGGTGGAGCTGGACCCTGAAATT
ACCTGGACCTTTTTTTAGAGACAGGGTTTCTTCTGCAGTCTCAAACCTCCTAGCCTTGATTGATCCTC
CTGCCCTGCCCTCCAAAGTCTGGGACTACAGGTGCATGCAACCACACCTGGCTAATTTCTTTCTT
CTTTCTTTCTTTTTTTTTTTTTTTTTTTTTTGGATGGAGTCTTGTCTGTTGCCAGGCTGGAGTGAAT
GGTGAATCTTGGCTCACTGCAACCTCTGCCTCTGGGTCAATCCATTCTCCTGCCTCAGCCTCCCAA
GTAGCTGGGATTACAGGCACATGCCTCCATACCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTT
CGCCATGTGGGCCAGGCTGTTCTCGAATGCCTGACCTCAGGTGATCCACCCGCTTGGCCTCCCAAAGT
GCTGGAATTACAGGTGTGAGCCACTGTGCCAGCTGAGTAAATTTCTTGATTGCACAGAATGTACGGTG
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CACTCTGTTGCCAGGCTGGAGTGAATGGCGCATCTCAGCTCACTGCAACCTCCGCTCAGAGGTTT
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CAAGCGATTCTCCTGCCTCAGCCTCCTAAGTAGCTGGTATTACAGGAGTGTGCCATTAGCCTGGCTAAT
TTTTGTATTTTTAGTAGAGATGGATTTTCACTGTGTTGGCCATGCTGGTCTTGAACCTCCTGACCTCAAG
TGATCCTCCTGCCTTGGCCTCCCAAAGTACTGTGATTACTATCATGAGCCACCACACCTGGCCTAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_058219.3](#)

Summary: This gene product constitutes one of the subunits of the multisubunit particle called exosome, which mediates mRNA degradation. The composition of human exosome is similar to its yeast counterpart. This protein is homologous to the yeast Mtr3 protein. Its exact function is not known, however, it has been shown using a cell-free RNA decay system that the exosome is required for rapid degradation of unstable mRNAs containing AU-rich elements (AREs), but not for poly(A) shortening. The exosome does not recognize ARE-containing mRNAs on its own, but requires ARE-binding proteins that could interact with the exosome and recruit it to unstable mRNAs, thereby promoting their rapid degradation. [provided by RefSeq, Jul 2008]

Locus ID: 118460

MW: 75.3