

Product datasheet for **SC203901**

NRDE2 (NM_017970) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NRDE2 (NM_017970) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NRDE2
Synonyms:	C14orf102
ACCN:	NM_017970
Insert Size:	2000 bp



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Insert Sequence: >SC203901 3'UTR clone of NM_017970
 The sequence shown below is from the reference sequence of NM_017970. 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
GAGGAGCTGGAGCTGCTGCTGGAGGATTAGAGAGCAGCGGAAAACGGGCTGTCCTGCGAGGCCAAGT
TGCCACCTGCGGAGCTAGGAGCGCGAGCAGAGAACGTGTGTGTTAGGAGAACTCGGCTTTTGAAT
GTTCTTTCTCGATAGTAATAATGTGGGCTGCCAGCCTCTCACATCTTGCACACTTTTGGGTGTGTAAA
TGACACAAAAGTTATTTACATATTATATGTGAATATGTGTATATATGTACATAGCCAGAGAGTCATG
CCACGTGGTCATTAAACCGATGATGATTGAGGCGTGGCAGCGTCTTGCTCATTCTCCCTGTGCGCA
GCCAGCACTGGCCCCGACGGTGAATGTTCCTCCGCTGGTGTGCTGGTGGTCTGCCAGGCCCTC
TCTGAGATAAAGGTCTGGTTTTTTCAGCACTAGGATGTCTTCCCCAGGCTGGTGTGAGCAGGAGATTTGCT
CTTGTTGAGACCCGAGTTAACGCTTGGTGTCTGGCTGCACGAGTGTGTGGCAAGTTCCTGAG
TTTACCTCGGCGCGATGCCTCCGCTGGAGCTGGAGGGGACGCTGCCCTGGGGCTGCTGAAAACTC
AGGCCTGTGGAGTCAGAACCCGCTTTCAGCAGTCCCAGGCCACTTGAGTGTGGAAAGGCTGCCCGGG
CACTGGCAGCCTCTGGGGAAAGCCTGCTCCAAGCCGTCTAGGAGCCGAGCACGCTGTACCGCCAGCCC
CAGCCCTGCCTGCATGAGGGGCCGCGCACGCTTGTGCAGCAACGCTGCTTACACTATGAAGGCCAAGGC
TGGCCTGGTCTGGTGTGCATTGAGGGCTGTGAACAGAATGAAATGTCAACATCCATTTTTAGACT
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GGCAGAAGCCCACCGGTGTTTCTTAGCGACAGACAGGTCGTGAGCTGCTCCCCTTGATGCCTTTTAC
AGAAACAACCCTCAACTTGAGGAAGTTGAGAGCTCCACTCCGAGGTGGACTTGCTCCCCCTCCCTGAGA
GCTAACTGGCTTGAAGTGTGATGAGTTCCTGGCTGCCACAAAGAGGGACCTTCTCCACCCTTGCTCTC
TGCGTGGGGCAGACATCAGCCAGACATGTACCGACCTGATTGGGGCAGGGAGTAGGAAGTCCAGGAC
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TTCAGAAGTTAGAAGGGCTGGCCTCTGATCAGCTGGTCCCTCAAACCCAGTGGCAACCTGTCCCT
TGAGAGCCAGGAATGGCTCTTAGCAGTGGCAGTGGCCCGGAGAGGATAAAGCGGCTGCTCGAACAG
ATTGCGAGCACATTACTTGTGCTGATGGGAGGAGTTTAAAAACAAATCAAAGATTCCTTGAGGGCATT
ACAGAAAACAAGATGTCAAGAGCATCACTGTTGTTATTTAAAAGCCATTTGAGGCCAGGCGCGGTGGC
TCACGTCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGACGGATCACGAGGTGAGGAGATCGAGACCA
TCCTGGCTAACATGGTGAACCCCGTCTCTACTAAAAATACAAAAAATTAGCCGGGCGTGGTGGCTG
ACGCGTAAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_017970.4](#)

Summary: Protein of the nuclear speckles that regulates RNA degradation and export from the nucleus through its interaction with MTREX an essential factor directing various RNAs to exosomal degradation (PubMed:30842217). Changes the conformation of MTREX, precluding its association with the nuclear exosome and interaction with proteins required for its function in RNA exosomal degradation (PubMed:30842217). Negatively regulates, for instance, the degradation of mRNAs and lncRNAs by inhibiting their MTREX-mediated recruitment to nuclear exosome (PubMed:30842217). By preventing the degradation of RNAs in the nucleus, it promotes their export to the cytoplasm (PubMed:30842217).[UniProtKB/Swiss-Prot Function]

Locus ID: 55051

MW: 73.9