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Product datasheet for SC213240

RBM7 (NM_016090) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RBM7 (NM_016090) Human 3' UTR Clone
Symbol:	RBM7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016090
Insert Size:	2000 bp

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Insert Sequence:

>SC213240 3'UTR clone of NM_016090
The sequence shown below is from the reference sequence of NM_016090. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATGGAAAATGGCGCTCATCTCGACACTAACACATGTTAAAAGGACATTGTTTTTATAGGGTCATTTTA
GGCCCTTTGACTAAGTTGATATGGAAATATTTTGTTGAAAAACTGTACAGAGCAGCTTTACAAGTTGTC
ACATTTCTTTATAAATTTTTTTAAAGCTACAGTTTAATACAAAATGAATTGCGGTTTTATTACATTAAT
AACCTTTCACCTCAGGGTTTTATGAAGAGGAAAGGGTTTTATGCAAAAGAAAGTGCTACAATTCCTAAT
CATTTTAGACACTTTAGGAGGGGGTGAAGTTGTATGATAAAGCAGATATTTTAATTATTTGTTATCTTT
TTGTATTGCAAGAAATTTCTTGCTAGTGAATCAAGAAAACATCCAGGTTGACAGTCTAAAATGGCTACT
GGTATTTTAGTTAATTCAAAAATGAAACTTTTCAGTGATTCACTTTACTAACATTCTATTTGAGAAGGC
TTATTGGTAAAGTTTGGGGATAAAGGCATTGCTTAACTTCTTATATAATTTAGGTATAAATTCTGTGAC
ATGCTCTTGAGCTTTACCCTAGTTGAACATACATGTGTAGATTTACACATACTGTTTCATTCTAAAATT
TAGAAATTGTTCATTAAATCCCATTTGAGGTATAAGTCACTCAGGAAGTTAAAATATCTCTACACGTAT
ATTTTTACATTAAAAATACAGTGTTAGCATAAATCCCCTTTTCAGGAAGAACAAAAATGTCAGTGCATA
GTTAGATAAAATGGTAAAATGTTTTACTGAAAGCATACTTTTTTGGAAAATAGATTCATGAAGCCTTTA
AGTGCTGCTTCTGTCAGTCAAACGTTAAAAACTTTAACATTTTCAAAGTGCCCAGACTGTGTACAAAGA
CACATGTAATGGAGATTGTACAGGTTGTTTTTTTGTTTGAACCTTTGAAAGAGTTTAATCTTAACGTTT
TCTAATTTTAAAATTTTAAAATCTTGTTTAACAAAAGCTTGTATTAAGATACTGTTTTCATTTCATTAC
AGAATTGTTTATAAAAGTTCATTTGTTGAAAAATAAGGATCCTTTTTAATACCACAGCATTTGTACTGT
TCCTTTTTAATATACTGAAAATATAAAAGGAAGGGTGTGTGTTATTTTTTTTTTTTTTATGTCACTGACT
TCAGAGACATTGTACACAAAGAATTAACATACTTTTATTCACTGATTGCCTGCTGTTTAGAATATCAGT
TCTTTAATTTTGAGCATCCTGAAATACATCTTTTGTACATATAGAGCATGATGTTTCACAATCAGATTT
TCAGTGACCCCTCGATTATAGCTTGGAGTACTTTAGTTACCCTCAGTGGTCTCTAGGAGTTAAAGTACA
CTTAGATTTCCTGTTTATAAATGAATTCAGTTTTTCTGTTTCTAAGTAAATGTAGCTATTCAACTACTC
ACTATAGAATTAAGATAAACAATTTGTTTGCTTAAGCATTTTCACAGAATTTGTTTCCAATGAGATTAT
TATTTTTGGGTATCTTATCCATATGAAAACTTAGTAGGTTTGTAGATGTTAACGAAGATTAATACTGCA
TGTTTGTTTTTGTTTTTTTTTTGAGACAGAGTCTTGCTACGACACCCAGGCTAGAGTGCAATGGCGGGA
TCTCAGGTCACTGCAACCTCCATATCCCGGGTTCAAGTGATTCTCCTGCCTTAGCCTCCCGAGTAGCTG
GGATTACAGGCACCCACCACCACGCCTGGCTAGTTTTTGTATTTTTAGTAGAGATGGGGTTTCACCACA
TTGGCCAGGCTGGTCTCAAACTCCTGACCTCAAGTGATCCACCTACCTTGGCCTACCGAGGTGCTGGAA
TTACAGGTGTGAGCCACCGCGCCTGGCCTAATACTGCTTTATTACAACGTTATCTGTGGGTCGGATCCT
TTTATATTGGTTAACAGATGACCCTGACTCAGAATAATCTTTTTCAATGGCTTTTTGAGGGAAGCTTG
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).

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_016090.4

Summary:	Subunit of the trimeric nuclear exosome targeting (NEXT) complex, a complex that directs a subset of non-coding short-lived RNAs for exosomal degradation. The RNA exosome is fundamental for the degradation of RNA in eukaryotic nuclei. Substrate targeting is facilitated by its cofactor MTREX, which links to RNA-binding protein adapters (PubMed:27871484). Possible involved in germ cell RNA processing and meiosis (Probable).[UniProtKB/Swiss-Prot Function]
Locus ID:	10179
MW:	78.4