

Product datasheet for **SC210234**

MTREX (NM_015360) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MTREX (NM_015360) Human 3' UTR Clone
Symbol: MTREX
Synonyms: Dob1; fSAP118; KIAA0052; Mtr4; SKIV2L2
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_015360
Insert Size: 813 bp
Insert Sequence: >SC210234 3' UTR clone of NM_015360

The sequence shown below is from the reference sequence of NM_015360. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TTTGCTGCCAGCCTCTACTTGTAGAGTCAGCTAAAGGAATGTGAGATTTTAAATTATTGACCACCTGTT
GATTACAGTTGACTACAAATGCCTGCAAGTGTGGATTTGGTTCTCCCATACATTTAATATGTATTATAT
TTAAATCAAACATCATTATAGAAAGCATATTACATACATGTTTATACATAAGCATTACATTTTTTAAAT
AAAAATGTATACAGGTGGGCACTGTTTTGGTGAAGGCTTGGAGTTTTTTAATGAGTTTAGAGCTATT
AGATAACCACTGAGTTAAAGGTAAGTATGTACACACAAAGTGTGCATCCAAGAGGCATAGCAGCAGCAGA
AGTCTTTAAAGGCTTGTACACCAGGAAGAAAGATGCATCCTCTTGCCTTGTGGCAATCATTTTCCTTTAG
AAACAGGCCAGCTTACCTGGGCACCCTGCTGCCTTTCAAGGCTGGTGATTGCTCGGATAGTGATTCCC
AGTTGTTGGTGTTCATGCAGAGTTGTATGAGAGTCCTCCTCTTTCTTTCTTTAAAAGAAGTCTTTCT
TTGAAGAAATCCGATACATATACAGCCTACAGTGCAAAATATTTAATGGTATAATTTAGATCAAGTTAAA
AACTACATACAAAGTTGTGATCAACAGCATCCTAAGATAAATAAAACAAAAGGATATACTTTGAGGTGT
ACAGATTAAGCATATAAAAAATTAGAGACTAACTGGGATTTTTTAAAGATTATTCCAAATTAAGAGTTGC
TTTGTTATGCCTTCAGCAAATAGCTTTCATTTTGCCAATACTGA

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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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_015360.4
Summary:	Component of exosome targeting complexes. Subunit of the trimeric nuclear exosome targeting (NEXT) complex, a complex that directs a subset of non-coding short-lived RNAs for exosomal degradation. Subunit of the trimeric poly(A) tail exosome targeting (PAXT) complex, a complex that directs a subset of long and polyadenylated poly(A) 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). Associated with the RNA exosome complex and involved in the 3'-processing of the 7S pre-rRNA to the mature 5.8S rRNA (PubMed:17412707, PubMed:29107693). May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]
Locus ID:	23517