

Product datasheet for **SC214022**

MIS12 (NM_024039) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MIS12 (NM_024039) Human 3' UTR Clone
Symbol:	MIS12
Synonyms:	2510025F08Rik; hMis12; KNTC2AP; MTW1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_024039
Insert Size:	1361 bp



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Insert Sequence:	>SC214022 3'UTR clone of NM_024039 The sequence shown below is from the reference sequence of NM_024039. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC AAGGAATCGAAACGACTGAAAATATCTAATTGCTCAGTAGTCAAAAGGAGGAGCCTGTCAAAAAGTAG AATCATAAGGACTGTTCAAACCATAAGGACTGTTCAAATCATACAGTGAAGTGTCAAACCAACCATAAC TTTTATTAGATTGCTTTGTCAACTCTTTCTGTATTCTGTGTTTTCTCTTTTTTGGTCCACTTTGC TGAGGTATGAAGTGTACTACTTTGAACTAGGCTGAAGCATCTGAGTCTTCTAATAAGTGGGAAGGGATC CAACAAAGAAGCCATGACCAGTTAAAGATATTTGCAGAGTTACACCTGGTCATAAGTCTTTGTGACC TTGATTATTTTGGCTTACTCTTTGGATGAGACCAGACAAGAAAAGGATTAACCGGTGGCTCCTTTAAT ATTATTATTATTGTTTTGAGACAAGGTCCCTTTCTGTCAACCAGGTTAGAGTAGATTTCAAGTGGCACA ATCTTGGCTCACTGCAACCTCTGTGCTGGGCTCAAGTGATCCTCTGCCTCAGCCTCCCAAGTAGCT AGGACCACAGGTGCGTGTCAACATGCTTGGCTAATTTTTTGCAGAAACGAGGCCTCACTATATTGTCC AGGCTGAGTGGCTCTTTTATTAACCAAGTCATTACACTGCGGAACAGCCAACATAGAGTACTTGCTCTCG TCCTGTGAATTTCTTTTCATGAGGGAGTCAATATGTAGTGGAAAGAAGCATGTAGCAAAAAGACAACC TTGATCTTTAATAAAAAAGAAGTTGGTTTATTTCCAAAATAATCCCCTGACAAAAAACCTGGTGATGT TAAGCAATTGACTGTCTTAGAGTCCAGCAGAAGACCTTAGACAAAAAAGCAGAACCCACTGGAGTAGA AAAGGAAGCATGTAGCATATACTCAGTAGTGAAATTTAATTTTACTGACTGTTAGGTATCTATGCCAAT TTGTTTTCATACTTCAGTTGGTTTTGGAATCTGCCTTATACCTAATATTTATTTATTCACACTCATAAG CATCAAATATTTAATGCCCTCAGTGGGAAATTTGTGTTTAACTCAATGGAATCTAATATTTCTTTATG TCGTTAGTCCCTGTAAATGTTAGGTACCCAAGGAAAGGGAGAAATAGCAATGGTTGTTCTTAAGGT ATTGCTTGCCCTCCATGTCTTCTAAAGAGCAGAACTTGAGTTTCTCCTTTATGTAGAGAAGAAGTAA CTTAGGGTGATTTGCAATGAAATATTCATAGATATTGAAAGCTTGTTTACATGAAATATGTTTATT ATCAAGAAGTCCTTTTTCCAATTCTGTACATTAATATATGTGTTTTAA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-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_024039.3
Summary:	Part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis (PubMed:12515822, PubMed:15502821, PubMed:16585270). Essential for proper kinetochore microtubule attachments (PubMed:23891108).[UniProtKB/Swiss-Prot Function]
Locus ID:	79003
MW:	51.9