

Product datasheet for **SC210349**

JMJDIC (NM_004241) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	JMJDIC
Synonyms:	KDM3C; TRIP-8; TRIP8
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_004241
Insert Size:	869 bp
Insert Sequence:	>SC210349 3'UTR clone of NM_004241 The sequence shown below is from the reference sequence of NM_004241. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GATGAAGTAGAGGATATGGAAGAAAATAGTGTGATCCAGTTTGATATTTTAGGTTGTTGAACTGGG ATTACTTAACCTTGAATGATGATATGTATGCACACTGACTTTAAGCTTCATAAAACCATCAGTGCCAAG AAATTCTCTTTGTAGTAATTACTTGTACTGACACCACAGCAGTATAGCATATGTCACAGCTCCTGTGA TTCAATGTTATAAAACAAGCAGAATTTTAAAGCAGCACTATATAGCTGTTTTGTATTATAGTGATAT GATGTTTGTGAAAATGCCAGATTTAAATGATGATTTATTTTGGTAAAAATAAAAAATCTATGCT ATATTGTTGATCAAGTGTAATGTGACCTTGTACAGTTTACTAAAATTACTGATATTTTCACTACATT GAGACAGTTACTGTGAGAAATAGGACACAAACACCAGCTATTGCCTGCATCTGGGAAATTGCTGAATCGC ACAGCAGTCATGTCATAATCAGAAAATTACTGCCAAATAATTGTAATAATTGTAAGTATAAAGTATAT AAAGTAGATACTAAATACAGACACTTCAATATTTTGTGAAGCTATTGACTGTACAATTAACATTTTC AAAAGGTGTAATTTATTTAAATTTGTCTCATTTTGGTAAAAATTTATGTGAACCTTTTAAAGCTAAATATT AACTTAATATGCTATGTAATATATACATATATACATTTAATGATGATTTTTTTAAACATTGGCTT GCTTTTGTAAAGTGCAAGTGTTACATATGGCTTTGTACATTAAGTTGAAAGGGTTTACATTTCC ATTAAGGACTTTATCAAAAAAAAAAAAAAAAAAAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG </pre>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_004241.2</u>
Summary:	The protein encoded by this gene interacts with thyroid hormone receptors and contains a jumonji domain. It is a candidate histone demethylase and is thought to be a coactivator for key transcription factors. It plays a role in the DNA-damage response pathway by demethylating the mediator of DNA damage checkpoint 1 (MDC1) protein, and is required for the survival of acute myeloid leukemia. Mutations in this gene are associated with Rett syndrome and intellectual disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Locus ID:	221037
MW:	34.2