

Product datasheet for SC203692

DIS (CCAR1) (NM_018237) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DIS (CCAR1) (NM_018237) Human 3' UTR Clone
Symbol: DIS
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_018237
Insert Size: 1141 bp
Insert Sequence: >SC203692 3'UTR clone of NM_018237
 The sequence shown below is from the reference sequence of NM_018237. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAATCCAAGGAGAATGGTGCCAGTGTA TGA TAAAATCCATGTAGTGATGAGGAATGGTGTTAAATAATG
TAATATATAAAAAATCATGATATAAGAATGTTTGAAGGTGATGCATGTTTGATTTTAGTAGTATAAATGT
ATTTTAGTTCAAATGATGATATAAAGTTTTATGAATGTGAGTTTCTGCTTTTGAAAATTGCTTGAATTC
CTAGCCTTCAAATTAATAACACTCCTTGAGTGAATAAATTTGCATTGCAAAGTGTTTTAGGATGAAC
TTTGTTATAGTTTTAACTCCAATAAAGTTCATCAGTTTAATTGACTGTAGTATTTAATTACCAAATTC
TTTTATTAATAATGCCTAGAAATTTTTAATTTATAGAATTATTAGTTTTTAAAATTTTTAGTTCATCTGT
TAAAATTCAGTCAAATCATAAATAGCATGATGCTTAATTTTTGCAAGTTTTTGAACCTTTTTGTT
TTTTTACTCATCACAAAAATCCCCTCTTGATCAGTCTCTAAAAGCATTCAATAAAAATTCAGTTCA
GGCCGGGCACGGTGGCTCACACCTGTAATCCCAACTTTGGGAGGCCGAGGCAGGTGGATCACCTGAG
GTTAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAACCCGGTCTCTACTAAAAATATAAAAATTAGC
TGGGCATGGTGGTGGTGCCTGTAATCCCAGCTACTTGGGAGGCTGAGGCAGGAGAATCGCTTGAACCC
AGGAGGCGGAGGTTGCAGTCACTCAGGATCATGCAGCTACTCCAGCCTGGGCGACAAGAGTGAACCT
CCATCTCAAAAAGAAAAAATAAATCAGTTTATTTGAAAGACAGTATATCAGAAAGAAAGAAGCAA
TAGAGAAGTAGTATTGTTCTTTATGGGTTAGACTTTACATAATATTAGTTGTCCTGATGTCAATGTTAC
TGCTTTCAATTAATTTTTCTACTTTCCAGAATAGCATCTATATTCCTTTAATTTTGAAGGTTAAAA
AAAAATGCAGTGTATGTCAAATTTACAGTTTAGTACCAAGCCAGTAGATGTCAAGTATGATGCCTTAAT
TAAGTCTTCTTAATTAAGATTTTTTTAAATTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_018237.4
Summary:	Associates with components of the Mediator and p160 coactivator complexes that play a role as intermediaries transducing regulatory signals from upstream transcriptional activator proteins to basal transcription machinery at the core promoter. Recruited to endogenous nuclear receptor target genes in response to the appropriate hormone. Also functions as a p53 coactivator. May thus play an important role in transcriptional regulation (By similarity). May be involved in apoptosis signaling in the presence of the reinoid CD437. Apoptosis induction involves sequestration of 14-3-3 protein(s) and mediated altered expression of multiple cell cycle regulatory genes including MYC, CCNB1 and CDKN1A. Plays a role in cell cycle progression and/or cell proliferation (PubMed:12816952). In association with CALCOCO1 enhances GATA1- and MED1-mediated transcriptional activation from the gamma-globin promoter during erythroid differentiation of K562 erythroleukemia cells (PubMed:24245781). Can act as a both a coactivator and corepressor of AR-mediated transcription. Contributes to chromatin looping and AR transcription complex assembly by stabilizing AR-GATA2 association on chromatin and facilitating MED1 and RNA polymerase II recruitment to AR-binding sites. May play an important role in the growth and tumorigenesis of prostate cancer cells (PubMed:23887938).[UniProtKB/Swiss-Prot Function]
Locus ID:	55749
MW:	44.7