

Product datasheet for **SC210668**

CITED2 (NM_006079) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CITED2
Synonyms:	ASD8; MRG-1; MRG1; P35SRJ; VSD2
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_006079
Insert Size:	1355 bp



Insert Sequence:

>SC210668 3'UTR clone of NM_006079

The sequence shown below is from the reference sequence of NM_006079. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAACAGCAGCCAGCAGAGTGAGCTGTGACTCGATCGAAACCCCGCGGAAAGAAATCAAACCCCAAC
TTCTTCGGCGTGAATTAAGAAACATTCCCTTAGACACAGTATCTCACTTTTCAGATCTTGAAAGGTT
TGAGAACTTGGAACAAAGTAACTATAAACTTGTAACAAATGGTTTTAAAAAAATTGCTGCCACTTT
TTTTCTGTTTTGTTTTGTTTTGTTAGCCTTGACATTACCCACCTCCCTTATGTAGTTGAAATATC
TAGCTAACTTGGTCTTTTTGTTTTGTTTTGTTTTACTCCTTTCCCTCACTTCTCCAGTGCTCAACTGTT
AGATATTAATCTTGGCAAAGTCTTAATCTTGTTGATTGTTAGATGGTTTCAAATGACTGAACTGCAT
TCAGATTTACGAGTGAAAGGAAAAATTGCATTAGTTGGTTGCATGAACCTCGAAGGGCAGATATTACTG
CACAACTGCCATCTCGCTTCATTTTTTAATATGCATTTGAGTACAGACTAATTTTTAAATATGCT
AAACTGGAAGATTAAACAGATGTGGCCAACTGTTCTGGATCAGGAAAGTCATACTGTTCACTTTCAA
GTTGGCTGTCCCCCGCGCCCCCACCCCATATGTACAGATGATAATAGGGTGTGGAATGTCGT
CAGTGGCAAACATTTACAGATTTTTATTTGTTCTGTTCAACATTTTGACACTGTGCTAATAGT
TATATTCAGTACATGAAAGATACTACTGTGTTGAAAGCTTTTAGGAAATTTGACAGTATTTTGTA
CAAAACATTTTTTTGAAAAAATACCTGTTAATTTATTCTATTTTAATTTGCCAATGTCAATAAAAGTT
AAGAAATAACTTGTCTTAGAAGTCATTTGGGGTGGTTGTTCCCTTTGGTGGCTTTTTTCCCCCGT
CTTTGAGTTGAACACTATTGATGAGAGTAAGCATTCCAAGGATAAATTACAGGACACTAAACAGGTC
ATGATGAGCTTAAGCGGAGAGCAGGATTTAACATAATTGGCATAATGCTTCATTGTTATCATTGTAACA
TGCTCTTGGTGTGCTTAATCAAAAGCTGCAAAGTTGCTACTGCTTTTTTTTTTTCTTAATTGCCAT
CATATCAAGTGTACTCCAGAGTTAGAAAGGTTTGAATACTCAACATTATCTTTTTCAATGGGCAGGAG
GCAAAAAAATCAAGTGTCTGTTTATACCTGATTCAACTACTTAAATAGAGGTAGATTGGAATAATA
CACTGATTGATTGATGGGTGGCATTAAATATAATCTACCTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_006079.5

Summary:

The protein encoded by this gene inhibits transactivation of HIF1A-induced genes by competing with binding of hypoxia-inducible factor 1-alpha to p300-CH1. Mutations in this gene are a cause of cardiac septal defects. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

Locus ID:

10370

MW:

53.4