

Product datasheet for **SC122671**

CITED1 (NM_004143) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CITED1 (NM_004143) Human Untagged Clone
Tag: Tag Free
Symbol: CITED1
Synonyms: MSG1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004143 edited
 GTGGAAATTGAGGGGAGAAAAAAGGGAAAAAAGGGTCTGTCCTTCCTGGGATTCTCT
 AGCCGAGGCCAGTCTGCTGCCGTGTGCGTCAGGGCTCTCCGGGCGGCAATGGGG
 GCTTGAGAGCCGGTCCCAAGCGCCGGGAAGGGAGCGCGTGGCCGCCACCGCCACCGCC
 CCGGAGTCCGGCGCCGAAGCTGCGGGCGGGCGGGCGGGCACCAGCTCGGTGAGGGGCTGC
 TTGGCGCGGCACTGTGCGGTGCAGCGGGCGGGCGGGCGGGTGCAGGGCTTTTCCCAGGCGC
 CCCGGGGTCCGGTGGCCAACGGCGCGGCCGCGGGCGGTGAGCGCGACCGTTTCGCGGTAG
 CGGTGGCGGGCGGGTGCCTGCCAGGGGCTGGGGGCTCCGCCGCTCTCTTGCAGGCTCACC
 GAGCTCCGCGCTCCCTCTCTCCAGGGCAGGCGGCTTCTCAGAGCACAACAGCTCCAGCT
 GGCAGCATCACTCCCGCAATTTATCCAATTCTGCAAGGCTCTGAAATGCCAACAAAC
 GTCGAGGCTGCACTTGTATGCAAGGTGGCACCTCACCTGCGAAGGAGGATGCCAACCA
 AGAGATGAGCTCCGTGGCTACTCCAACCTTGGCGTGAAAGATCGCAAAGCAGTGGCCAT
 TCTGCACTACCCTGGGGTAGCCTCAAATGGAACCAAGGCCAGTGGGGCTCCCACTAGTTC
 CTCGGGATCTCCAATAGGCTCTCTACAACCACCCTCCCACTAAACCCCATCCTTCAA
 CCTGCACCCCGCCCTCACTTGTGGCTAGTATGCAGCTGCAGAACTTAATAGCCAGTA
 TCAGGGGATGGCTGCTGCCACTCCAGGCCAACCCGGGGAGGCAGGACCCCTGCAAAACTG
 GGACTTTGGGGCCAGGCGGGAGGGGCAGAATCACTCTCTCTCTGCTGGTGCCAGAG
 CCCTGCTATCATCGATTTCGACCCAGTGGATGAGGAAGTGTGATGTCGCTGGTGGTGA
 ACTGGGGTTGGACCGAGCCAATGAGCTTCCGGAGCTGTGGTGGGGCAGAATGAGTTTGA
 CTTCACTGCGGACTTTCCATCTAGCTGCTAATGCCAAGTGTCCCTAAAGATGGAGGAATA
 AAGCCACCAATTCTGTTGTAATAAAAAATAAAGTTACTTACAAAAAAAAAAAAAAAAAAA
 AAA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004143 unedited GGGTCTTANATTTTGTATACGACTCATATAGGCGGCACGCGAATTCGCACGAGGGTGGGA AATTGAGGGGAGAAAAAAGGAAAAAAGGTCTGTCTTCTGGGATTCTAGCCGAG GCCAGTCTGCTGCCGTGTGCGTGTGCGTCAGGGCTCTCCGGGCGGCAATGGGGCTTGGAG AGCCGGTCCCCAGCGCCGGGAAGGGAGCGCGGTGGCCGCCACCGCCACCGCCCGGAGT CCGGCGCCGAAGTGCAGGGCGGGCGGGCCAGCAGCTCGTTCAGGGGCTGCTTGGCGC GGCACTGTGCGGTGCATCGCGCGGCGGGCGGGTGGCGGGCTTTTCCAGGCGCCCGGGG TCGGGTGGCCAACGGCGCGGGCGGGCGCTGAGCGCGACCGGTTTCGCGGTAGCGGTGGC GGCGCGTGTGCGTCCATGGGCTGGGGGCTCCGCCGCTCTCTTGCAGTACCGAGCTCC GCGCTTCCCTCTCTCCAGGGCAGGCGGCTTCTCAGAGCACAACAGCTCCAGCTGGCAGCA TCACTTCCCGCAATTTATCCAATTCTGCCAAGGCTCTGANATGCCAACACGTCGAGG CCTGCATTGATGTCAAGGGTGGCACCTCACCTGCGAAGGANGATGCCAACCAAGAGATG AGCTCCGTGGCCTACTCCAACCTTTGCGTGAAAGATCGCANAGCAGTGGCCATTCTGCAC TACCCTGGGGTAGCCTCAATGGGACCAAGGCCAGTGGGGCTCCCACTAGTTCTCGGGA TCTCCAATAGGCTCCTTACAAACACCCCTCCCACTAAACCCCATCCTTNAACCTGCAC CCGNCCTCACTTGCTGCTAGTATGCAGCTGCAGAACTTATAGCCAGTATCAGGGGA TGGCTGC
Restriction Sites:	Please inquire
ACCN:	NM_004143
Insert Size:	1203 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_004143.2 , NP_004134.1
RefSeq Size:	1203 bp
RefSeq ORF:	582 bp
Locus ID:	4435
UniProt ID:	Q99966
Cytogenetics:	Xq13.1
Protein Families:	Transcription Factors

Gene Summary:

This gene encodes a member of the CREB-binding protein/p300-interacting transactivator with Asp/Glu-rich C-terminal domain (CITED) family of proteins. The encoded protein, also known as melanocyte-specific gene 1, may function as a transcriptional coactivator and may play a role in pigmentation of melanocytes. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]

Transcript Variant: This variant (1) represents the longest transcript and encodes the shorter isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.