

Product datasheet for **RG227383**

CITED1 (NM_001144887) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CITED1 (NM_001144887) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CITED1
Synonyms: MSG1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG227383 representing NM_001144887
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAACACGTGAGGCTGCACTTGTCAAGGGTGGCACCTCACCTGCGAAGGAGGATGCCAAC
AAGAGATGAGCTCCGTGGCCTACTCCAACCTTGGCGTAAAGATCGAAAGCAGTGGCCATTCTGCACTA
CCCTGGGGTAGCCTCAAATGGAACCAAGGCCAGTGGGGCTCCACTAGTTCCTCGGGATCTCCAATAGGC
TCTCTACAACCCCTCCCACTAAACCCCATCCTTCAACCTGCACCCGCCCTCCTTGCTGGCTA
GTATGCAGCTGCAGAACTTAATAGCCAGTATCAGGGGATGGCTGCTGCCACTCCAGGCCAACCCGGGA
GGCAGGACCCCTGCAAACTGGGACTTTGGGGCCAGGCCGGGAGGGCAGAACTACTCTCTCTTCTGCT
GGTGGCCAGAGCCCTGCTATCATCGATTGCGACCCAGTGGATGAGGAAGTCTGATGTCGCTGGTGGTG
AACTGGGGTTGGACCGAGCCAATGAGCTTCCGGAGCTGTGGCTGGGGCAGAAATGAGTTTGACTTCACTGC
GGACTTCCATCTAGCTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG227383 representing NM_001144887
Red=Cloning site Green=Tags(s)

MPTTSRPALDVKGGTSPAKEDANQEMSSVAYSNLAVKDRKAVAILHYPGVASNGTKASGAPTSSSGSPIG
SPTTTPPTKPPSFLHPAPHLASMLQLKLSQYQGMAAATPGQPGEAGPLQNWDFGAQAGGAESLSPSA
GAQSPAIIIDSDPVDEEVLMSSLVVELGLDRANELPELWLGQNEFDFTADFPSSC

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Reconstitution Method:

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_001144887.1](#), [NP_001138359.1](#)

RefSeq Size: 830 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]