

Product datasheet for MC210030

Cited4 (NM_019563) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cited4 (NM_019563) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cited4
Synonyms: MRG-2; Mrg2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210030 representing NM_019563
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGACCACCTGATGCTCGCCGAGGGCTACTGCCTGCTACAGGTGCCGCCGACACCCACGGCCCGC
 ACGTCCCCGGACTCTGCAGCCATACGCAGGCCCGGGCATGGACAGCGGTCTGCGGCCGCGGGGGCTCC
 GCTGGGACCGCCCGCCACCCGGGACCCTGGCATAACGGCTCCTTCGGGTGCGCCGTCTCTTTCCAGCCC
 TTCCCCGTCTCGAGTCGCCGGGCGCCGGTAGCACGCACCTGCAGTCTGCAGCCACACCGTCCCCGGGCC
 GCATCCCGGGCGCCCCGGCAGCCGCTGGAGGGCCCTCACCTCTGCAGCCGGCGCCCGGAGCCGCAGCCTC
 GTTGCCGCGCCGCCGCCACCCGCCCTGGGCTGCATGGACACCGAGCTCATCGACGAAGAGGCGCTG
 ACGTCGCTGGAACCTCGAGCTCGGGTTGCACCGCGTACGCGAGCTGCCGGAGCTCTTCTCGGCCAGAGCG
 AGTTCGATTGCTTCTCAGACCTGGGGTCAGCGCCGGCCGCGGCTCGGTGAGCTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019563
Insert Size: 549 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).



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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:	<u>NM_019563.2</u> , <u>NP_062509.1</u>
RefSeq Size:	1258 bp
RefSeq ORF:	549 bp
Locus ID:	56222
UniProt ID:	<u>Q9WUL8</u>
Cytogenetics:	4 56.52 cM
Gene Summary:	Acts as transcriptional coactivator for TFAP2/AP-2. Enhances estrogen-dependent transactivation mediated by estrogen receptors. May function as an inhibitor of transactivation by HIF1A by disrupting HIF1A interaction with CREBBP. May be involved in regulation of gene expression during development and differentiation of blood cells, endothelial cells and mammary epithelial cells.[UniProtKB/Swiss-Prot Function]