

Product datasheet for MG223376

Cited4 (NM_019563) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cited4 (NM_019563) Mouse Tagged ORF Clone

Tag: TurboGFP Symbol: Cited4

Synonyms: MRG-2; Mrg2
Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG223376 representing NM_019563

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG223376 representing NM_019563

Red=Cloning site Green=Tags(s)

MADHLMLAEGYCLLQVPPHTHGPHAPRTLQPYAGPGMDSGLRPRGAPLGPPPPPGTLAYGSFGSPVSFQPFVSQSPGAGSTHLQSAATPSPGRIPAPPAAAGGPSPLQPAPGAAASLPPPPPPPALGCMDTELIDEEAL

TSLELELGLHRVRELPELFLGQSEFDCFSDLGSAPAAGSVSC

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



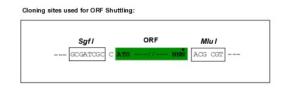
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

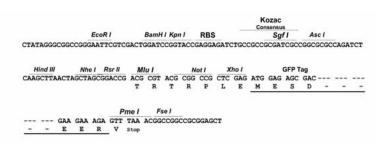
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

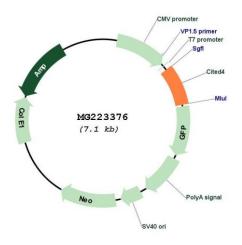


Cloning Scheme:





Plasmid Map:



ACCN: NM_019563

ORF Size: 546 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.



Cytogenetics:

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: 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.

4 56.52 cM

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, NP 062509.1</u>

RefSeq Size: 1258 bp
RefSeq ORF: 549 bp
Locus ID: 56222
UniProt ID: Q9WUL8

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]