

Product datasheet for **RG226191**

CDKN1A interacting zinc finger protein 1 (CIZ1) (NM_001131018) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDKN1A interacting zinc finger protein 1 (CIZ1) (NM_001131018) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CDKN1A interacting zinc finger protein 1
Synonyms:	LSFR1; NP94; ZNF356
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG226191 representing NM_001131018
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTCCAGCCAGCAGCAGCAGCAGCAGCTCCAGCAACAGCAGCAGCAGCTCCAGCAGTTACAGCAGCAGC
AGCTCCAGCAGCAGCAATTGCAGCAGCAGCAGTTACTGCAGCTCCAGCAGCTGCTCCAGCAGTCCCCACC
ACAGGCCCCGTTGCCATGGCTGTCAGCCGGGGCTCCCCCGCAGCAGCCACAGCAGCCGCTTCTGAAT
CTCCAGGGCACCAACTCAGCCTCCCTCCTCAACGGCTCCATGCTGCAGAGAGCTTTGCTTTTACAGCAGT
TGCAAGGTAACCTCCGAGGCTATGGCATGGCATCCCCAGGCCCTCGCAGCCCCAGCCTCACACCCCCACA
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CCTGCAGAAATACAAGGCGGCCAAGAACCCAGCCCCACCACCCGACCTGTGAGCCGCGGTGCGCAATC
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AACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

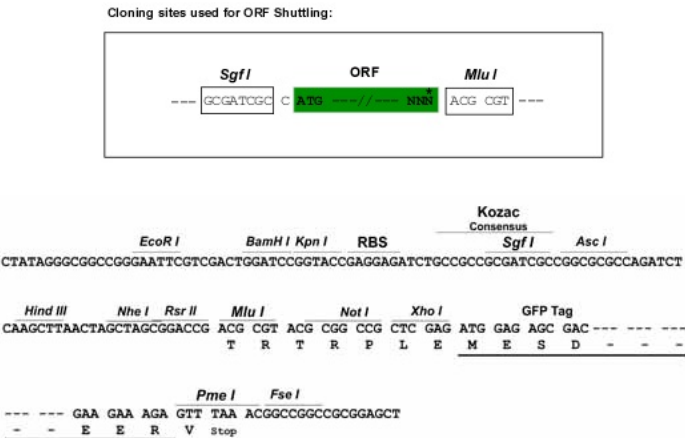
Protein Sequence: >RG226191 representing NM_001131018
 Red=Cloning site Green=Tags(s)

MFSQQQQQLQQQQQLQQQQQLQQQQQLQQQLQLQQLLQQSPPQAPLPMVSRGLPPQQPQQPLLNLQGTNSASLLNGSMLQRALLLQQLQGNLRGYGMASPLAAPSPTPPQLATPNLQQFFPQATRQSLLGPPPVGVPMNPSQFNLSGRNPQKQARTSSSTTPNRKDSSSQTMPVEDKSDPPEGSEAAEPRMDTPEDQDLPPCPEDIAKEKRTPAPEPEPCEASELPAKRLRSSEEPTEKEPPGQLQVKAQPQARMTVPKQTQTPDLLPEALEAQVLPRFQPRVLQVQAQVQSQTQPRIPSTDQVQPKLQKQAQTQTSPEHLVLQQKQVQPQLQQEAEPPKQVQPQVHTQAQPSVQPQEHPPAQVSVQPPEQTHEQPHTQPQVSLLAPEQTPVVVHVCGLEMPDDAVEAGGGMEKTLPEPVGTQVSMEEIQNESACGLDVGECENRAREMPGVWGAGGSLKVITLQSSDSRAFSVPLTPVPRPSDSVSSTPAATSTPSKQALQFFCYICKASCSSQEFQDHMSEPQHQQRLGEIQHMSQACLLSLLPVPRDVLETEDEEPPRRWCNTCQLYYMGDLIQHRRTQDHKIAKQSLRPFCTVCNRYFKTPRKFEHVKSQGHKDKAKELKSLEKEIAGQDEDFITVDAVGCFEGDEEEEDDEDEEEIEVEEELCKQVRSRDISREEWKGYETYSPTAYGVDFLVPVMGYICRICKFYHSNSGAQLSHCKSLGHFENLQKYKAAKNPSPTRPVSRRCAINARNALTALFTSSGRPPSQPNTQDKTPSKVTARPSQPPLPRRSTRLKT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN:	NM_001131018
ORF Size:	2454 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.
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.
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_001131018.2](#)

RefSeq Size: 2776 bp

RefSeq ORF: 2457 bp

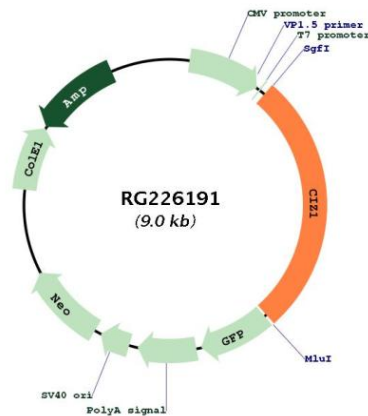
Locus ID: 25792

UniProt ID: [Q9ULV3](#)

Cytogenetics: 9q34.11

Gene Summary: The protein encoded by this gene is a zinc finger DNA binding protein that interacts with CIP1, part of a complex with cyclin E. The encoded protein may regulate the cellular localization of CIP1. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Product images:



Circular map for RG226191