

Product datasheet for **SC310484**

CIAPIN1 (NM_020313) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CIAPIN1 (NM_020313) Human Untagged Clone
Tag:	Tag Free
Symbol:	CIAPIN1
Synonyms:	Anamorsin; CIAE2; DRE2; PRO0915
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310484 representing NM_020313. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGGCAGATTTTGGGATCTCTGCTGCCAGTTTGTGGCAGTGGTCTGGGATAAGTCATCCCCAGTGGAG
GCTCTGAAAGGTCTGGTGGATAAGCTTCAAGCGTTAACC GGCAATGAGGGCCGCGTGTCTGTGAAAAAC
ATCAAGCAGCTGTTGCAATCTGCCACAAAGAATCCAGCTTTGACATTATTTTGCAGGTTTAGTCCCA
GGAAAGCACCCTCTGCACAGTGTGAGATTTTGGCTGAAATCGCCCGGATCCTTCGGCCTGGTGGATGT
CTTTTTCTGAAGGAGCCAGTAGAGACAGCTGTAGATAACAATAGCAAAGTGAAGACAGCATCTAAGCTG
TGTTTCAGCCCTGACTCTTCTGGTCTTGTGGAAGTGAAGAGCTGCAGCGGGAGCCCTAACCCCTGAG
GAAGTACAGTCTGTTTCGAGAACACCTTGGTCATGAAAGTGACAACCTGCTGTTTGTTCAGATCACAGGC
AAAAAACCAAACCTTTGAAGTGGGTTCTTCTAGGCAGCTTAAGCTTTCCATCACCAAGAAGCTTCTCCT
TCAGTGAAACCTGCTGTGGACCTGCTGCTGCCAAGCTGTGGACCTCTCAGCCAACGATATGGAGGAC
GACAGCATGGATCTCATTGACTCAGATGAGCTGCTGGATCCAGAAGATTTGAAGAAGCCAGATCCAGCT
TCCCTGCGGGCTGCTTCTTGTGGGAAGGGAAAAAGAGGAAGGCCTGTAAGAAGTGCACCTGTGGCCTT
GCCGAAGAAGTGGAAAAAGAGAAGTCAAGGGAACAGATGAGCTCCAACCAAGTCAGCTTGTGAAAC
TGCTACCTGGGCGATGCCTTCCGCTGTGCCAGCTGCCCTACCTTGGGATGCCAGCCTTCAAACCTGGG
GAAAAGGTGCTTCTGAGTGATAGCAATCTTCATGATGCC TAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC
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Restriction Sites:	SgfI-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_020313



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Insert Size:	939 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_020313.3</u>
RefSeq Size:	2199 bp
RefSeq ORF:	939 bp
Locus ID:	57019
UniProt ID:	<u>Q6FI81</u>
Cytogenetics:	16q21
Domains:	DUF689
MW:	33.6 kDa
Gene Summary:	<p>CIAPIN1 is a cytokine-induced inhibitor of apoptosis with no relation to apoptosis regulatory molecules of the BCL2 (MIM 151430) or CASP (see MIM 147678) families. Expression of CIAPIN1 is dependent on growth factor stimulation (Shibayama et al., 2004 [PubMed 14970183]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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.</p>