

Product datasheet for SC328074

SCAPER (NM_020843) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCAPER (NM_020843) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCAPER
Synonyms:	IDDRP; MSTP063; Zfp291; ZNF291
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328074 representing NM_020843. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGATGGCTTCATTCCAGCGCTCCAATAGTCATGACAAAGTAAGGAGAATAGTTGCAGAGGAGGGTCGT
 ACAGCAAGAAACCTAATAGCTTGGAGTGTCCACTAGAAAGCAAAGATGATGATGGAAAACCTAAATGT
 CAAACTGGTGGAAATCTAAGAGGACCATCAAGGCACTCATAAACTACTAAACAGAGTACTGCAGTG
 GACTGTAAATAACATCGTCTACGACTGGAGATAAACACTTTGATAAAAGTCCCACTAAACAAGGCAC
 CCTCGGAAATGATCTAAGAGCTCGATACTGGCATTCTTTTGTAAATCTTCGCCGAGCAGTAGAT
 GAAATCTATGTAACCTGCGAATCAGATCAGAGTGTGGTCAATGTAAGGAGGTGCTAATGATGCTGGAT
 AACTATGTAAGAGATTTCAAAGCATTGATTGACTGGATTAGCTTCAGGAAAAGCTAGAGAAGACAGAT
 GCTCAAAGCAGACCAACATCATTGGCATGGGAAGTAAAGAAGATGTCTCCGGGACGCCATGTGATTCCA
 AGTCCATCAACAGATAGAATAAATGTAACATCAAATGCTCGACGAAGCTTAAATTTGGAGGTTCAACT
 GGCACAGTGCCAGCTCCTCGTCTGGCTCCACAGGTGTCAGTTGGGCTGACAAGGTAAAGGCTCATCAT
 ACAGGCTCTACTGCTTCTCAGAAATAACACCCGCCAGTCTTGCCCAATGACAGTGCAGAAGGCC
 TCACGCAAAATGAACGGAAAGATGCTGAAGGATGGGAGACCGTTCAGAGAGGAAGGCCTATTCGTTCT
 CGATCAACAGCAGTGATGCCAAAAGTTTCATTGGCAACAGAAGCCACAAGATCAAAGGATGACAGTGAT
 AAAGAAAATGTATGCTTTTACCTGATGAAAGCATACAGAAAGGTCAATTTGTTGGAGATGGAACCTCT
 AATACTATAGAATCTCATCCCAAAGACTATTACACTCTGTGACCATCCTCTTGCCGAAAAAACCCAG
 TTCACAGTGAGTACATTGGATGATGTGAAGAATTCTGGCAGTATTCGAGACAATTATGTTGCAACTTCT
 GAAATATCTGCTGCCACATTGATACAGAGTGTGTTTCAGTTATGCTGCAAGCTGGTACACCTCCTTTA
 CAAGTAAATGAAGAAAAATTTCCAGCAGAGAAAGCAAGGATAGAAAATGAAATGGACCTTCAGATATT
 TCAAATTCATGGCAGAAGTCTTGCTAAAAAAGAAGAGCTAGCAGATCGTCTAGAAAAGGCCAATGAA
 GAAGCCATTGCTAGTGCTATTGCTGAAGAAGAACAGTTAACTAGAGAAATTGAAGCTGAAGAAAACAAT
 GATATTAACATTGAAACTGACAACGACAGTGATTTTCTGCCAGCATGGGCACTGGGAGTGTTCCTTTC
 TGTGGTATGTCCATGGACTGGAACGATGTCCTTGCAATTATGAAGCTCGTGAGTCTTGCGCCAAAAT


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ACATCCTGGGGGACATTGTAGAAGAAGAACCTGCTAGACCTCCAGGGCATGGAATTCACATGCATGAA
 AAACCTTTCTTCACCCTCTCGTAAAAAGAACATTCAGAAATCTAAGAAGAAACATGAAGAAAAACAATG
 AAAGCACAGCAGCTAAGGGAAAAGTTACGCGAAGAGAAAAACATTTGAAGCTTCAGAAATGTTAGAAAGG
 GAGAAGGATGTCCGGAAGTGGAAGGAAGATTTGCTAGATCAACGACGCAGGATGATGGAAGAAAAATTA
 CTTTCATGCTGAGTTTAAGCGAGAAGTGCAGTTACAAGCAATTTGAAAAAAGCACAAGAAGAAGAAGCT
 AAGGTAATGAAATTGCCTTTATAAATACCCTTGAAGCCCAGAATAAACGTCATGATGTTTTATCAAAA
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 GCACGTGATGAAGCTGTGCAGGAACGCAAGAGAGCTCTAGAGGCAGAGCGGCAGGCCGTGTAGAAGAA
 TTGTTAATGAAGAGGAAAAGAACAGAAGCCGAATTGAACAACAGAGGCAAGAAAAGGAAAAAGCCCGT
 GAGGATGCAGCCCGGAAAGAGCTAGAGACAGGGAAGAACGATTGGCAGCACTCACAGCTGCTCAACAA
 GAAGCTATGGAAGAGTTACAGAAAAAATTCAGCTCAAGCATGATGAAAGTATTCGAAGGCACATGGAA
 CAGATTGAACAAAGAAAAAGCTGCTGAGCTAAGCAGTGGGCGACATGCAAACTACTGATTATGCC
 CCCAACTGACCCCTTATGAAAGAAAGAAGCAGTGTCTCTGCAATGCTCTGATCTCTTCAGAGGTA
 TATCTTTTAGCCATGTTAAAGGGAGAAAACACCAGCAAGCCGTGAGAGAGAATACCAGCATCCAGGGG
 CGTGAAGTGTGAGTGAAGAAGTGAGCATCTTTCCTTGAAGAAGTACATTATTGACATTGTGGTTGAA
 AGTACAGCTCCAGCAGAAAGCTTTGAAAGATGGAGAAGAGCGGCAAAAAATAAAAAAGCCAAAAAG
 ATAAAAGCCCGGATGAACCTTCAGGGCTAAGGAATATGAGAGTTTAAATGGAACCAAAAAATCTGGCTCT
 GATTACCTTATAAAGCAAAGCTTCAGCGATTAGCCAAAGATCTTCTAAAACAAGTACAAGTTCAAGAC
 AGTGGCTCATGGGCAACAATAAAGTGTCTGCTTTGGATCGGACCCTAGGAGAGATCACTAGAATACTG
 GAAAAAGAGAATGTGGCAGATCAGATTGCATTTCAAGCTGCTGGTGGATTAACAGCCCTGAACACATC
 CTTCAAGCAGTAGTCCCAGCCACAAATGTGAACACAGTTTTAAGAATTCCTCCTAAGTCTCTGCAAT
 GCAATCAATGTTTACAACCTCACCTGCAATAACTGTTGAGAAAACTGCAGTGTGTTCTGTTTAGTAAC
 AAGATTACCTTCTAATGGACCTCCTGATACACCAGTTGACGGTTTATGTTCCAGATGAAAATAATACT
 ATTTTGGGGAGAAATACAAATAAACAAGTTTTTGAAGGCTTGACAACCTGGAATCTCAAAGTCAGTGCT
 GTGGTTTTGGGCTGCCTGATTGCCAATCGACCAGATGGAACTGCCAGCCAGCTACCCCAAAAAATACCA
 ACACAGGAAATGAAAAACAAACCTCACAGGTGATCCTTTTAAACATCGAGTTCAGGACCTTATCAGC
 TACGTGGTGAACATGGGTCTGATTGACAACTGTGTGCTGCTTCTCTCGGTGCAAGGCCAGTGGAT
 GAGAATCCCAAGATGGCCATATTTCTGCAGCATGCCGAGGACTCTTACATGCAATGTGTACACTGTGC
 TTTGCTGTCACTGGAAGGTCATACAGCATATTTGACAATAATCGCCAGGATCCCACAGGGCTGACAGCT
 GCTCTTCAGGCAACCGACCTGGCTGGAGTCTTCATATGCTCTACTGTGCTCTTCCATGGCACCATC
 TTGGACCCAGCACTGCCAGTCCCAAGGAGAATTACACTCAAAATACCATCAAGTGGCCATTTCAGAGT
 TTACGTTTCTTCAACAGCTTTGCAGCTCTTCATCTGCCTGCTTTTCAGTCTATTGTAGGGGAGAGGGC
 TTGTCCCTTGCAATTCGGGCATATGGCCAGCTCCCTGCTGGGCCACTGCAGCCAAGTCTCCTGTGAAAGC
 CTCCTTCATGAGGTATCGTCTGTGTGGGCTACTTCACTGTCAACCACCCAGATAACCAGGTGATCGTG
 CAGTCCGGCCGCCACCCACAGTGTGCAAGCTCTGCCAGTTGCCCTTCCAGTATTTCAAGTACCCCA
 CGGCTGATCAAAGTACTGTTCCCTTCACTTATCGCTGCTTGTGTAACAACCATCAGAACAGATCATT
 CTGGAGCAAGAGATGAGCTGTGTTTTACTGGCCACTTTTATTGAGGATTTGGCACAGACTCCAGGTCAA
 GCGGAAAACAGCCTTACCAACCCAAAGGGAATGCCTTGGTTCCCAAGACTATCTTGAGCTGGCTAAC
 AGATTTCCTCAGCAGGCTGGGAAGAAGCTCGACAGTTTTTCTTGAAAAAAGAGAAAAAATAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI
ACCN: NM_020843
Insert Size: 4203 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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 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:	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_020843.2
RefSeq Size:	4731 bp
RefSeq ORF:	4203 bp
Locus ID:	49855
UniProt ID:	Q9BY12
Cytogenetics:	15q24.3
Domains:	ZnF_U1
MW:	158.3 kDa
Gene Summary:	CCNA2/CDK2 regulatory protein that transiently maintains CCNA2 in the cytoplasm. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform a. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.