

Product datasheet for SC327280

SCAPER (NM_001145923) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCAPER (NM_001145923) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCAPER
Synonyms:	IDDRP; MSTP063; Zfp291; ZNF291
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001145923, the custom clone sequence may differ by one or more nucleotides

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ATGAAGACCAATATATATTTGCAATATCACAGAACGGAAGATGCTGAAGGATGGGAG
ACCGTTTCAGAGAGGAAGGCCTATTTCGTTCTCGATCAACAGCAGTGATGCCAAAAGTTTCA
TTGGCAACAGAAAGCCACAGATCAAAGGATGACAGTGATAAAGAAAATGTATGTCTTTTA
CCTGATGAAAGCATACAGAAAGGTCAATTTGTTGGAGATGGAACCTCTAATACTATAGAA
TCTCATCCCAAAGACTCATTACACTCTTGTGACCATCCTCTTGCCGAAAAAACCCAGTTC
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ACTTCTGAAATATCTGCTGTCCACATTGATACAGAGTGTGTTTCAGTTATGCTGCAAGCT
GGTACACCTCCTTTACAAGTAAATGAAGAAAAATTTCCAGCAGAGAAAGCAAGGATAGAA
AATGAAATGGACCCTTCAGATATTTCAAATTCATGGCAGAAAGTCCTTGCTAAAAAGAA
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GACAACGACAGTGATTTTTCTGCCAGCATGGGCAGTGGGAGTGTTTCTTCTGTGGTATG
TCCATGGACTGGAACGATGTCCTTGACAGATTATGAAGCTCGTGAGTCTTGGCGCCAAAT
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GTGCAGTTACAAGCAATTGTGAAAAAGCACAGAAGAAGAAGCTAAGGTAAATGAAATT
GCCTTTATAAATACCTTGAAGCCAGAAATAACGTCATGATGTTTTATCAAAATTGAAG
GAATATGAACAGAGGCTTAATGAGCTACAGGAAGAGCGTCAGAGAAGACAGGAAGAAAAG
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CGTGTAGAAGAATTGTTAATGAAGAGGAAAGAACAAGAAGCCGAATTGAACAACAGAGG
CAAGAAAAGGAAAAAGCCGTGAGGATGCAGCCCGGGAAGAGCTAGAGACAGGGAAGAA
CGATTGGCAGCACTCACAGCTGCTCAACAAGAAGCTATGGAAGAGTTACAGAAAAAATT
  
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CAGCTCAAGCATGATGAAAGTATTCGAAGGCACATGGAACAGATTGAACAAAGAAAAAGAA
 AAAGCTGCTGAGCTAAGCAGTGGGCGACATGCAAACTGATTATGCCCCAACTGACC
 CCTTATGAAAGAAAGAAGCAGTGTCTCTCTGCAATGTCTGATCTCTTCAGAGGTATAT
 CTTTTTAGCCATGTTAAAGGGAGAAAACACCAGCAAGCCGTGAGAGAGAATACCAGCATC
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 GACATTGTGGTTGAAAGTACAGCTCCAGCAGAAGCTTTGAAAGATGGAGAAGAGCGGCAA
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 CGATTAGCCAAAGATCTTCTAAAACAAGTACAAGTTCAAGACAGTGGCTCATGGGCAAAAC
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 CTCTGCAATGCAATCAATGTTTACAACCTCACCTGCAATAACTGTTTCAGAAAACTGCAGT
 GATGTTCTGTTTAGTAACAAGATTACCTTCTTAATGGACCTCCTGATACACCAGTTGACG
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 GATGAGAATCCCAAGATGGCCATATTTCTGCAGCATGCCGAGGACTCTTACATGCAATG
 TGTACACTGTGCTTTGCTGTCACTGGAAGGTCATACAGCATATTTGACAATAATCGCCAG
 GATCCACAGGGCTGACAGCTGCTCTTCAGGCAACCGACCTGGCTGGAGTTCTTCATATG
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 AATTACACTCAAAATACCATCCAAGTGGCCATTAGAGTTTACGTTTTCTCAACAGCTTT
 GCAGCTCTTCATCTGCCTGCTTTTCAGTCTATTGTAGGGGAGAGGGCTGTCCCTTGCA
 TTCCGGCACATGGCCAGCTCCCTGCTGGGCCACTGCAGCAAGTCTCCTGTGAAAGCCTC
 CTTTCATGAGGTGATCGTCTGTGTGGGCTACTTCACTGTCAACCCAGATAACCAGGTG
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 TATTTTCAGTGACCCACGGCTGATCAAAGTACTGTTCCCTTCACTATCGTGTCTGTTAC
 AACAAACATCAGAACAGATCATTCTGGAGCAAGAGATGAGCTGTGTTTTACTGGCCACT
 TTCATTACAGATTGAGCAGACTCCAGGTCAAGCGGAAAACAGCCTTACCAACCCAAA
 GGGAAATGCCTTGGTTCCAAGACTATCTTGAGCTGGCTAACAGATTTCTCAGCAGGCC
 TGGGAAGAAGCTCGACAGTTTTTCTTGAAAAAGAGAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_001145923

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:

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_001145923.1](#), [NP_001139395.1](#)

RefSeq Size: 4874 bp

RefSeq ORF: 3465 bp

Locus ID: 49855

UniProt ID: [Q9BY12](#)

Cytogenetics: 15q24.3

Gene Summary: CCNA2/CDK2 regulatory protein that transiently maintains CCNA2 in the cytoplasm.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a.