

Product datasheet for **SC127073**

CLASRP (NM_007056) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLASRP (NM_007056) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLASRP
Synonyms:	CLASP; SFRS16; SWAP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_007056, the custom clone sequence may differ by one or more nucleotides

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ATGTGGCAGGAGCTCGGAAGCATGAGCGGAAGCTTCGAGGCATGATGGTCGACTACAAGAAGAGGGCGG
AGCGGAGACGGGAGTATTATGAAAAGATCAAGAAGGACCCAGCCAGTTCCTGCAGGTACATGGCCGAGC
TTGCAAGGTGCACCTGGATTCTGCAGTCGCCCTGGCCGTGAGAGCCCTGTTAATATGATGCCCTGGCAG
GGGGACACCAACAACATGATTGACCGATTTCGATGTCCGTGCCACCTGGACCACATCCCCGACTACACCC
CCCCTCTGCTCACCACCATCTCCCCAGAACAGGAGTCGGACGAACGGAAGTGAACACGAGCGCTACAG
AGGCCTGGTGCAGAACGACTTTGCCGGCATCTCAGAGGAGCAGTGCCTGTACCAGATCTACATTGATGAG
TTGTACGGAGGCCTCCAGAGACCCAGCGAAGATGAGAAGAAGAAGCTGGCAGAGAAGAAGGCTTCCATCG
GTTATACCTACGAGGACAGCAGGTGGCCGAGGTAGAGAAGGCGGCAGAAAAGCCAGAGGAGGAGGAGTC
AGCGGCCGAGGAGGAGCAACTCGACGAAGATGAGGTCATCCCCGACATCGACGTGGAGGTGGACGTG
GATGAATTGAACCAGGAGCAGGTGGCAGATCTCAACAAACAGGCCACGACTTATGGCATGGCCGACGGTG
ACTTCGTGAGGATGCTCCGGAAGACAAGGAGGAGGCAGAGGCCATCAAGCATGCCAAGGCTCTTGAGGA
GGAGAAGGCCATGTAATCGGGACCCGCTCTCGACGCCAGCGGAGAGAGTTTCGGGAGAAGCGGGTGAAG
GGTCGCAAGATCAGCCCACCCAGCTATGCCCGCCGAGACAGCCCCACCTATGACCCCTATAGCGGTAC
CCTCGGAGTCCAGCTCAGAGTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCC
GTTTCATCACCAGTTTTGGGGGACAGCATGAGGAGGAGCCGACGCGCTGCTGCCGAGCAGCATCAGGA
GTCACCACAGGGAAGCCCCCGCACCTCCCAGCCTGGCGGCCCGCCCCGGGACGTAATGCCAGCGCCC
GCCGCGCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT
CTCCAGCTCCCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT
TCCTGGTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCCCTCCC
GTGGGGGCTCCCAGACGACACCGGTAATCCCCTCGCCCGCCGCGTGGTGGTTACGGGCCCGGGCG
CAGAAGCAGGAGCCGCTCCCCTCAGGGGACCGTACAGGCGGGGCGCCGGGGCCTCAGGCACCACAGC
AGTAGCCGAGCCGAGCAGCTGGTCCCTCAGCCCGTCCCAGTGCAGCCTGACTCGCAGCCGAGCC
ATAGCCCCAGCCCAGCCAGAGCCGAGCCGAGCCGAGCCGAGCCGAGCCGAGCCGAGCCGAGCCGAGCCG
AAGAGAGAAGCTGACCAGGCCGGCCGCTCCCCTGCTGTGGGCGAGAAGCTGAAAAGACCGAACCTGCC
GCTGGTAAAGAGACAGGAGCTGCCAAACCAAGCTGACGCCTCAGGAGAAGCTGAAACTGAGGATGCAGA
AGGCGCTGAACAGGCAGTCAAGGCGGATAAGAAGGCGGCACAAGAAAAGATGATCCAGCAGGAGCATGA
GCGGCAGGAGCGGAAGACGAGTTCGAGCCATGGCCCGCAAGATCCGCATGAAGGAGCGGGAACGCCGA
GAGAAGGAGAGAGAAGAGTGGGAACGCCAGTACAGCCGGCAGAGCCGCTACCCTCCCCCGATACAGTC
GAGAATACAGCTTCTCGAAGGCGCTCAAGTCCCGATCCCAGGCCCCATTACCGACATTAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_007056 unedited</p> <pre> ATTTTGTAAATACGACTACTATAGGGCGGCCGGAATTCGGCACCAGGGCGACCAGCCGG TTGAGGCCCCAGGCTTGGCCTCACCACAATGTGGCAGCAGGCTCGGAAGCATGAGCGGAA GCTTCGAGGCATGATGGTCGACTACAAGAAGAGGGCGGAGCGGAGACGGGAGTATTATGA AAAGATCAAGAAGGACCCAGCCAGTTCCTGCAGGTACATGGCCGAGCTTGAAGGTGCA CCTGGATTCTGCAGTCGCCCTGGCCGCTGAGAGCCCTGTTAATATGATGCCCTGGCAGGG GGACACCAACAACATGATTGACCGATTTCGATGTCGGTGCCACCTGGACCACATNCCCGA CTACACCCCCCTCTGCTCACCACCATCTCCCCAGAACAGGAGTCGGACGAACGGAAGTG TAACTACGAGCGCTACAGAGGCCTGGTGCAGAACGACTTTGCCGGACTCTCAGAGGAGCA GTGCTGTACCAGATCTACATTGATGAGTTGTACGGAGGCCTCCAGAGACCCAGCGAAGA TGAGAAGAAGAAGCTGGCAGAGAAGACAGCTTCCATTGGTTATACCTACGACGACAGCAC GGTGGCCGAGGCAAGAAGGCGGCAGCAAGCCAGAGGAGGAGGCACTCACCGTTCGATG AGGAGAGACACCCGGACGAACATGAGGTCATCCCCAATCGACGTGGAGGCGGCCGTGGA TGAAATCGAACCCGGACCCGGTGGGCCGATTTAACCCCCCGGCCACGACTAATGGCC ATGGGCCCGCCGTGCACTTCTGCCACGGATGCTCCGAAAAGACACGGAGCGAGGCCGCA GGCCCATAAACCATGCCACGGCTTTTGAACGATGGAGCACGCGCATGTTCTCCGGACG CCCCTTCTTACCCCAACGGAATAAAGATTTCCGGAACAACGGCCTGAAGCGGCCAAGG AACCTCCCATCCCGCTATGCCGGCCCGGAACGCCACCTATCACCTTAATAGNGGTCAC CTCTGGG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_007056 unedited</p> <pre> GGTCCACTATGNACGCGCCGCAATCTANAGTTTTTTTTTTTTTTTTTTTTGGGAATTAA ATAACTTTTGACTTTATTTCACTAGGAGAAAAACCAGCAGCATCACAGCTTGAGCCCTT ACCCACCCCTTGTCTCCCCACCCCACTCTTCTGCCTAATGTCGGTAATGGGGGCTT CGGGATCGGGACCTTGAGCGCCTTCGAGAAGAGCTGTATTCTCGACTGTATCGGGGGAG GGTGAGCGGCTCTGCCGGCTGTACTGGCGTTCCCACTTCTCTCTCTCTCTCGGCGT TCCCGCTCCTTATGCGGATCTTGCGGGCCATGGCTCGAAGCTCGTCTTCCCGCTCTGC CGCTCATGCTCCTGCTGGATCATCTTTTCTGTGCCGCTTCTTATCCGCTTGAAGTGC CTGTTACAGCGCTTCTGCATCCTCAGTTTCAGTTCCTCTGAGGGCTCAGCTTGGGTGAC TTTGGCAGCTCCTGTCTCTTTACCAGCGCAGGTTCCGTTCTTTTTCAGCTTCTCGCCAC AGCAGGGGACGCGCCGGCCTGGTCAGCTTCTCTCTTGGGGTGATGGCGAAGGGCTCTG GCTGCGGCTGCAGCTGCGGCTGCAGCTCTGGCTGGGCTGGGGCTATGGCTGCGGCTGCNA NTCAAGCTGCGACTGCGGGACGGGCTGAGGGACCAGCTGCTGCGGCTGCGGCTACTGCTG TGGTGCCCTGAGCCCCGGCCGCCCGCTGTAGCCGTCCCTGAGTGGAGCCGCTCCGGG GATGCTGCTTTTGCGCCGGGCCCTAACACCACGCGCGGGCGATCGGGAGTACCGGGT CCGTCTCGGAAGCCCCACTGATGCCGCCGGGCCAGTTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_007056
Insert Size:	2250 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).
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_007056.1](#), [NP_008987.1](#)

RefSeq Size: 2250 bp

RefSeq ORF: 2250 bp

Locus ID: 11129

UniProt ID: [Q8N2M8](#)

Cytogenetics: 19q13.32

Gene Summary: Probably functions as an alternative splicing regulator. May regulate the mRNA splicing of genes such as CLK1. May act by regulating members of the CLK kinase family (By similarity). [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1).