

Product datasheet for **SC328921**

STK23 (SRPK3) (NM_001170760) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STK23 (SRPK3) (NM_001170760) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRPK3
Synonyms:	MSSK-1; MSSK1; STK23
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001170760, the custom clone sequence may differ by one or more nucleotides

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ATGAGCGCCAGCACGGGCGGTGGTGGGGACAGCGGCGGCAGCGGCGGCAGTAGCAGCAGC
TCACAGGCCTCCTGCGGGCCGAGTCCCTCGGGCTCCGAACTAGCCCTGGCCACACCGGTG
CCTCAGATGCTGCAGGGCCTTCTGGGCTCCGACGACGAGGAACAGGAAGACCCCAAAGAC
TACTGCAAGGGCGGTACCACCTGTGAAGATCGGCGACGTGTTCAATGGGCGGTACCAC
GTGGTGGCGAAACTGGGCTGGGGCCACTTCTCCACCGTCTGGCTCTGCTGGGACATCCAG
CGCAAGCGCTTTGTGGCCCTCAAAGTGGTGAAGAGTGGGGGCATTACACGGAGACAGCT
GTGGATGAGATCAAGCTCCTGAAATGTGTCCGGGACAGCGACCCCAAGTGACCCCAAAAGA
GAGACCATTGTCCAGCTCATTGATGACTTCAGGATCTCAGGAGTCAATGGAGTCCATGTG
TGCATGGTGTGGAGGTCTGGGCCACCAGCTCCTCAAATGGATCATCAAGTCCAACACTAC
CAGGGCCTGCCCTGCCCTGCGTGAAGAGCATCGTGAGGCAGGTGCTGCACGGCCTGGAC
TACCTCCACACCAAGTGAAGATCATCCACACGGACATCAAGCCCAGAACATCTTGCTG
TGTGTGGGGGACGTTACATCAGGCGCCTGGCTGCCGAGGCCACGGAGTGGAACAGGCA
GGGGCGCGCCCTCCCGCTCCATAGTCAGCACTGCCCCAGGAGGTCTTGACCGGT
AAGCTGTCCAAAAACAAGAGGAAGAAGATGAGGCGCAAACGGAACAGCAGAAGCGGCTG
CTGGAGGAGCGGCTGCGGGACCTGCAGAGGCTGGAGGCCATGGAGGCTGCCACCCAGGCT
GAGGACTCTGGCTTGAGACTAGACGGGGCAGCGGCTCCACATCCTTTCAGGCTGTAC
CCCGGGGGCGCCAGAGCAGGTCCCTCCCCAGCCTTCTCTCCCGCCAGGGGGCGGC
CGTAGCCTCAGCGCGGGCTCACAGACCTCAGGCTTCTCCGGCTCCCTTCTCTCCTGCC
TCCTGTCCATCCTCTCCGGCTCGTCCAATCAGCGAGAGACCGGGGGCCTCCTGTGCCT
AGCACACCATTCGGTGCCTCGAACCTCCTGGTGAACCCCTGGAGCCCAAAATGCAGAT
AAGATCAAGATCAAGATCGCAGACCTGGGCAACGCCTGCTGGGTGCACAAGCACTTCACG
GAAGACATCCAGACTCGGCAGTACCGGGCGTGCAGGTGCTGATCGGGCCGAATACGGC
CCCCGGCAGACATCTGGAGCACAGCCTGCATGGCCTTCGAGCTGGCCACTGGTGACTAC
CTGTTTCGAGCCGATTCTGGAGAAGACTACAGTCGTGATGAGGACCACATCGCTCACATA
GTGGAGCTTCTGGGGGACATCCCCCAGCCTTCGCCCTCTCAGGCCGCTATTCCCGGGAG
TTCTTCAACCGGAGAGGAGAGCTGCGGCACATCCACAATCTCAAGCACTGGGGCCTGTAC
GAGGTAATCATGAAAAAGTACGAGTGGCCCTAGAGCAGGCCACACAGTTACGCGCCTTT
CTGCTGCCATGATGGAGTACATCCCCAAAAGCGGGCCAGTGCCGCTGACTGCCTCCAG
CACCCCTGGCTCAACCCCTAG

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Restriction Sites: Please inquire

ACCN: NM_001170760

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_001170760.1, NP_001164231.1</u>
RefSeq Size:	1999 bp
RefSeq ORF:	1701 bp
Locus ID:	26576
UniProt ID:	<u>Q9UPE1</u>
Cytogenetics:	Xq28
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	<p>This gene encodes a protein kinase similar to a protein kinase which is specific for the SR (serine/arginine-rich domain) family of splicing factors. A highly similar protein has been shown to play a role in muscle development in mice. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. The resulting protein (isoform 2) is shorter compared to isoform 1.</p> <p>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>