

Product datasheet for **SC124124**

STK23 (SRPK3) (NM_014370) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STK23 (SRPK3) (NM_014370) Human Untagged Clone
Tag:	Tag Free
Symbol:	STK23
Synonyms:	MSSK-1; MSSK1; STK23
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC124124 sequence for NM_014370 edited (data generated by NextGen Sequencing)

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ATGAGCGCCAGCACGGGCGGTGGTGGGGACAGCGGCGGCAGCGGCGGCAGTAGCAGCAGC
TCACAGGCCTCCTGCGGGCCCGAGTCTCGGGCTCCGAACTAGCCCTGGCCACACCGGTG
CCTCAGATGCTGCAGGGCCTTCTGGGCTCCGACGACGAGGAACAGGAAGACCCCAAAGAC
TACTGCAAGGGCGGTACCACCTGTGAAGATCGGCGACGTGTTCAATGGGCGGTACCAC
GTGGTGGCGAAACTGGGCTGGGGCCACTTCCACCGTCTGGCTCTGCTGGGACATCCAG
CGCAAGCGCTTTGTGGCCCTCAAAGTGGTGAAGAGTGGGGGCATTACACGGAGACAGCT
GTGGATGAGATCAAGCTCCTGAAATGTGTCCGGGACAGCGACCCCAAGTGACCCCAAAAGA
GAGACCATTGTCCAGCTCATTGATGACTTCAGGATCTCAGGAGTCAATGGAGTCCATGTG
TGCATGGTGTGGAGGTGCTGGGCCACCAGCTCCTCAAATGGATCATCAAGTCCAACACTAC
CAGGGCCTGCCCGTGCCTGCGTGAAGAGCATCGTGAGGCAGGTGCTGCACGGCCTGGAC
TACCTCCACACCAAGTGAAGATCATCCACACGGACATCAAGCCCAGAACATCTTGCTG
TGTGTGGGGGACGCTTACATCAGGCGCCTGGCTGCCGAGGCCACGGAGTGGCAACAGGCA
GGGGCGCGCCCTCCCGCTCCATAGTCAGCACTGCCCCAGGAGGTCTTNNNNACC
GGTAAGCTGTCCAAAACAAGAGGAAGAAGATGAGGCGCAACCGAAACAGCAGAAGCGG
CTGCTGGAGGAGCGGCTCGGGACCTGCAGAGGCTGGAGGCCATGGAGGCTGCCACCCAG
GCTGAGGACTCTGGCTTGAGACTAGACGGGGCAGCGGCTCCACATCCTTTCAGGCTGT
CACCCCGGGGCGCCAGAGCAGGTCCCTCCCGAGCCTCTTCTCCCGCCCGGGGGGGC
GGCCGTAGCCTCAGCGCGGGCTCACAGACCTCAGGCTTCTCCGGCTCCCTTCTCTCTCT
GCCTCTGCTCCATCCTCTCCGGCTCGTCCAATCAGCGAGAGACCGGGGGCTCCTGTGC
CCTAGCACACCATTCCGTGCCTCGAACCTCCTGGTGAACCCCTGGAGCCCCAAAATGCA
GATAAGATCAAGATCAAGATCGCAGACTGGGCAACGCCTGCTGGGTGCACAAGCACTTC
ACGGAAGACATCCAGACTCGGCAGTACCGGGCCGTCGAGGTGCTGATCGGCGCCGAATAC
GGCCCCCGCGCAGACATCTGGAGCACAGCCTGCATGGCCTTCGAGCTGGCCACTGGTGAC
TACCTGTTTCGAGCCGATTCTGGAGAAGACTACAGTCGTGATGAGGACCACATCGCTCAC
ATAGTGGAGTCTTGGGGGACATCCCCCAGCCTTCGCCCTCTCAGGCGCTATTCCCGG
GAGTTCTCAACCGAGAGGAGAGCTGCGGCACATCCACAATCTCAAGCACTGGGGCCTG
TACGAGGTACTCATGAAAAGTACGAGTGGCCCTAGAGCAGGCCACACAGTTCAGCGCC
TTTCTGCTGCCATGATGGAGTACATCCCCGAAAAGCGGGCCAGTGCCGCTGACTGCCTC
CAGCACCCCTGGCTCAACCCCTAG
    
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Clone variation with respect to NM_014370.3
 774 g=>n;775 c=>n;776 a=>n;777 g=>n;1014 a=>g

5' Read Nucleotide Sequence: >OriGene 5' read for NM_014370 unedited

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CCTATTTTGTAAATACGACTCACTATAGGGGCGGCCGGAATTCGCACCAGGCCCGCCGGG
GCACCGGAGCTGCGGGCTGCGTGGCCGGATGAGCGCCAGCACGGGCGGTGGTGGGGACA
GCGGCGGACGCGCGGCAGTAGCAGCAGCTCACAGGCCTCCTGCGGGCCCGAGTCTCGG
GCTCCGAACTAGCCCTGGCCACACCGGTGCCTCAGATGCTGCAGGGCCTTCTGGGCTCCG
ACGACGAGGAACAGGAAGACCCCAAAGACTACTGCAAGGGCGGCTACCACCCTGTGAAGA
TCGGCGACGTGTTCAATGGGCGGTACCACGTGGTGCGCAAACCTGGGCTGGGGCCACTTCT
CCACCGTCTGGCTCTGCTGGGACATCCAGCGCAAGCGCTTTGTGGCCCTCANAGTGGTGA
AGAGTGGGGGATTACACGGAGACAGCTGTGGATGAGATCAAGCTCCTGAAATGTGTCC
GGGACAGCGACCCAGTGACCCCAAAGAGAGACCATTGTCCAGCTCATTGATGACTTCAG
GATCTCCAGAGTCAATGGAGTCCATGTGTGCCTGGTGGTGGAGGTGCTGGCCACCAGCTC
CCCAATGGGTATCAAGTCCAACCTCAAGGCCTGGCCCTGCCCTGGCGGAAAAGCATCGT
GAGGCAAGGGCCTGACAGGCCGGGACTACCTCCCACAGTGGAAGATCTCCACACGGACA
TCAAACCCGAAACATCTTGTGTAGGGGGGGGAGGCTTAAATCAGGCGCCTGGCTGCCCA
GGCCCCGAGTGGCAAAGGGCGGGGGCCCCCCCCCCCCCGGCACATAAAGAAGATGGGC
CCCCAGAGGGATTGAGCGTGGAGTGGGCCAGAAGGAAAGGAAGAAGATAAGCCATCCG
AGAGACAGCAAACCGCTGTTGGAGGAACACATTTCGGAGCTTACAAGACGGG
    
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Restriction Sites:	NotI-NotI
ACCN:	NM_014370
Insert Size:	2300 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:	<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:	NM_014370.2 , NP_055185.2
RefSeq Size:	2040 bp
RefSeq ORF:	1704 bp
Locus ID:	26576
UniProt ID:	Q9UPE1
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 (1) represents the longest transcript and encodes the longest isoform (1).</p>