

Product datasheet for MR222930

Spatc1l (NM_029661) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spatc1l (NM_029661) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Spatc1l
Synonyms:	1700022B01Rik; 1700027D21Rik; AA062323
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222930 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGCAGAGGGTAGCGAACTGATGAGCAGGCTCATGAGTGAGAACGCAGACCTGAAGAAGCAGGTGCGCC
TCCTGAAGGAGAACCAGATGCTGAAGAGACTGCTCAGTGAGAGTTGCCAGGAGAGCTGTGGTCGAGGGAG
CCGGGACCTACTCTATCCCAAGGTCCCTACCTACCCTGAGGCCTGCTCCCAGGGAATGGAGGTCCAGAT
TTTGAAGGTTTGCCGGTGTCCCTGACACGCCCTCCAGCTACCGACATCCTCTCTGGAGGACCTACTAT
GCTCCCACGCCCACTCTCCAGTGAGGACGAAGCCTCCCAGGCTGTGCAACCACCTCTCAGATGCCTTT
CAAGTCCTTCTCAGCCCTTCAAGACTACACTCGCGGATTGCAGACAGGAAGCTGTCCCCGCTCCTGAGT
CCCTTGACAGGACTCCCTGGCTGACAAAACACTGCTTGAGCCCAGGGAAATCTCGAGACCTAAGAAGGTGT
GCTTCTCGGAGAGTAACCTCCCCACTGGGGATAGGAGCAGGAGGACCTATTACCTCAATGAGATCCAGAG
TTTTTCGGGTGCTGAGAAGGATGGCCGAATCGTTGGGGAGATCGCGTTCCAGCTTGACCGGCGTATCCTG
GCCTATGTGTTCCCAGGGGTGACTCGCCTTACGGTTTACAGTGTCCAACATTCCTGAGAAGATCAAGC
AGACCTCTATCAAGTCCCTAGATGGCTCCGTGGATGAGAAGAAGCTGCGTGAGCTGACGCATCGCTATCT
GACTCTGACGGCACGGCTGGAGAAGCTGGGCTACAGCCGCAAGTGCACCCGGTGTTCAGTGAGTTTCTC
ATCAATACCTATGGCATCCTGAAGCAGCGTCCAGACTTGCGGGCCAACCCACTGCACAGCAGCCCGGCTG
CCCTGCGCAAACTAGTCATTGACATTGTCCCGCCCAAGTTCTGGGTGACTCCCTGCTACTGCTGAATTG
CCTATGTGAGCTTCCAAGGAGGACAGTAAACCACTCTTTGCCTGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR222930 protein sequence
Red=Cloning site Green=Tags(s)

MAEGSELMSRLMSENADLKKQVRLLENQMLKRLLSESCQESCGRGSRDLLYPKVPTYPEACSPGNGGPD
 FGRFAGVPDTPSQLPTSSLEDLLCSHAPLSSSEDEASPGCATTSQMPFKSFLSPSELHSRIADRKLSPLLS
 PLQDSLADKTLLEPREISRPKKVCFSSENLPTGDRSRRTYYLNEIQSFGAEKDGRIVGEIAFQLDRRIL
 AYYVFPGVTRLYGFTVSNIPKIKQTSIKSLDGSVDEKKLRELTHRYLTLTARLEKLGYSREVPVFSEFL
 INTYGILKQRPDLRANPLHSSPAALRKLVIDIVPPKFLGDSLNNLNCLEKSKEDSKPLFAW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_029661

ORF Size: 1029 bp

OTI Disclaimer: 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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_029661.1](#), [NP_083937.1](#)

RefSeq Size: 1331 bp

RefSeq ORF: 1029 bp

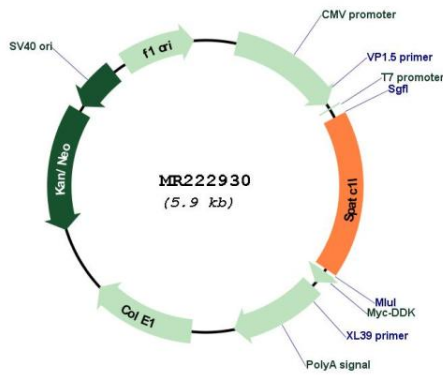
Locus ID: 76573

UniProt ID: [Q9D9W0](#)

Cytogenetics: 10 C1

MW: 38.2 kDa

Product images:



Circular map for MR222930