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Product datasheet for RR209303

Msl3 (NM_001014111) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Msl3 (NM_001014111) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Msl3
Synonyms:	Msl3l1; Msl31
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

View online »

ORF Nucleotide Sequence:

>RR209303 representing NM_001014111
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAAGTTGGGATAGATGGGCGGCTGAAGATCATGTGCTACATGATACAGATGAAAACCGAAGATTAC
AGCGAAAATTGGCCAAAAAGGCAATAGCTCGCCTGAGAGGCACAGGAAAAAAGAAGAGGCGCTGTAGGTT
GCCTGGTGTTGACTCTGTCTTAAAAAGTGTGCCAGTCAAAGAAAAAACTAAAAATGACGAAAATTCAATA
AGCAGCACCTGTCATGAGAGCTGTGGAGAAAAGAATGGAGGAATAAAAGAACACCGACAACGCCGTATTA
AAGTAAAGACTAAAGGGAAGAAAAAGGTATTGTCTCTGCGCTCAAGAAAGGATATGGATGAGAGGACAAT
CACTATAGAGATCCCTGAAGTTCTCAAGAAGCAGCTTGAGGATGACTGTTACTATATCAACAGGAGAAAG
CGGTTAGTGAAACTTCCATGCCAGACCAACATCATAACAATTTTGGAATCCTATGTGAAACATTTTGCTA
TTAATGCAGCCTTTTCAGCCAACGAGAGGCCTCGTCACCATCATGCCATGATGCATGCGCACATGAATGT
TCACTATGTCCCAGCAGAGAAGAATGTTGACCTTTGTAAGGAGATGGTGGATGGATTACGAATAACTTTT
GATTATACTCTCCCATTGGTTTTGCTTTATCCATATGAACAAACTCAATATAAAAGGGTGACATCGTCAA
AATTCTTTCTTCCTATTAAGGAAAGTACCACGACAACTAATAGGAGTCAGGAGGAGCTGTCTCCTAGCCC
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AAGAGGCGCAAAGCAGAGCCAGAGGCACTGCAGTCTCTCAGGAGGTCCACGCGGCACAGCACCAACTGTG
ACAGGCTGTCTGAAAGCAGCTCGTCACCTCAGCCGAAGCGCAGGCAACAGGACACATCCACCAGCATGCC
GAAGCTGTTTCTGCACTTGGAAAAGAAGACACCTGTGCATAGCAGATCATCTTCCCCCATTCCTCTGACT
CCAAGTAAGGATGGGAGTGCTGTATTCGCTGGCTTCGAAGGGAGAAGAACCAATGAAATCAATGAGGTAC
TGTCTTGGAAACTTGTGCCTGACAATTACCCACCAGGAGACCAGCCACCTCCCCCTTCATACATTTATGG
TGCACAGCATTTGCTCAGATTATTTGTGAAACTTCCAGAAATCCTTGGGAAGATGTCCTTCTCTGAGAAG
AATCTGAAGGCTTTACTGAAGCACTTTGATCTCTTTCTGAGGTTTTTAGCAGAATACCATGATGACTTCT
TCCCGGAGTCGGCTTATGTTGCTGCCTGTGAGGCACACTACAGCACCAAGAACCCCAGGGCAATTTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

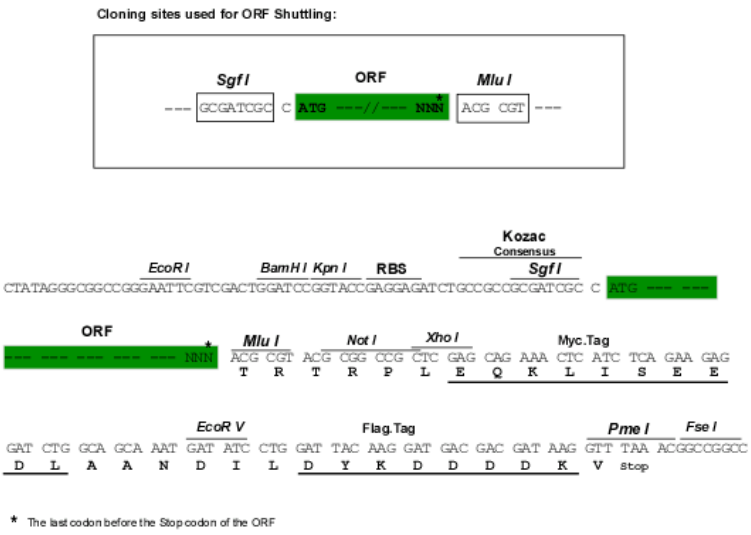
>RR209303 representing NM_001014111
Red=Cloning site Green=Tags(s)

MPSWDRWAAEDHVLHDTDENRRLQRKLAKKAIARLRGTGKKKRRCRLPGVDSVLKSVPVKEKTKNDENSI
SSTCHESCGEKNGGIKEHRQRRIKVKTKGKKKVLSLRSRKDMDERTITIEIPEVLKKQLEDDCYYINRRK
RLVKLPCQTNIITILESYVKHFAINAAFSANERPRHHHAMMHAHMNVHYVPAEKNVDLCKEMVDGLRITF
DYTLPLVLLYPYEQTQYKRVTSSKFFLPIKESTTTTNRSQEELSPSPPLLNPSTPQSTESQPPTGEPATP
KRRKAEPEALQSLRRSTRHSTNCDRLSESSSSPQPKRRQQDTSTSMPKLFLHLEKKTPVHSRSSSPIPLT
PSKDGSAVFAGFEGRRTNEINEVLSWKLVPDNYPPGDQPPPPSYIYGAQHLLRLFVKLPEILGKMSFSEK
NLKALLKHFDLFLRFLAEYHDDFFPESAYVAACEAHYSTKNPRAIY

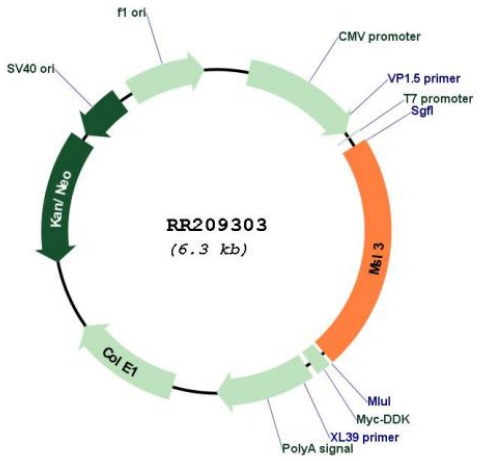
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001014111
ORF Size:	1398 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_001014111.1, NP_001014133.1
RefSeq Size:	2270 bp
RefSeq ORF:	1401 bp
Locus ID:	317464
Cytogenetics:	Xq13
MW:	53.5 kDa