

Product datasheet for **RR204452**

Suv39h1 (NM_001106956) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Suv39h1 (NM_001106956) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Suv39h1
Synonyms:	RGD1565028
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR204452 representing NM_001106956 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGGGAACCGGCGACTCTAGGTTGCAGTGTGTGCTGTAATCTTCTGGAATCAGCTGCAGGATCTGT
GCCGACTAGCCAAGCTTTCTTGTCTGCCCTTGGTGTCTTAAGAAGAATCTGTATGACTTTGAAGTTGA
ATACCTGTGTGATTATAAGAAGATCCGTGAGCAGGAGTATTACCTGGTTAAATGGCGTGGGTATCCTGAC
TCAGAGAACACCTGGGAGCCACGGCAGAATCTCAAATGTGTGCGATTCTTAAGCAGTTCACACAAGGACT
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TTACCTGGTGCAGAAGGCCAAGCAGAGGCGGGCACTGCAGCGTTGGGAACAAGAGCTCAATGCCAAGCGC
AGCCATCTGGGGCGGATCACTGTGGAGAATGAGGTAGACCTGGATGGCCCTCCAAGGTCCTTTGTCTATA
TCAATGAGTATCGAGTTGGTGAGGGCATCACCCCAACCAGGTAGCTGTTGGCTGTGAGTGCCAGGACTG
TCTGTTGGCACCCTGGAGGCTGTTGCCCTGGAGCATCCCTGCACAAGTTTGCCTACAATGACCAAGGC
CAGGTGCGACTGAAAGCTGGGCAGCCATCTACGAGTGCAACTCTCGCTGTTGCTGTGGCTATGACTGCC
CAAACCGTGTAGTCCAGAAAGGCATCCGCTACAACCTCTGCATCTCCGCACTGATGATGGCCGAGGCTG
GGGTGTCCGCACGCTGGAAAAGATCCGCAAAAATAGCTTTGTTATGGAGTATGTGGGAGAGATTATTACC
TCAGAGGAGGCAGAGCGGAGGGCCAGATCTACGACCGCCAGGGCGCCACCTACCTCTTTGACCTGGACT
ACGTGGAGGACGTATATACCGTGGATGCCGCCTATTATGGCAACATCTCTCACTTTGTCAACCATAGTTG
TGATCCCAACCTGCAGGTGTACAACGTATTATAGACAACCTTGATGAGCGACTACCCCGCATCGCATTC
TTTGCCACAAGAACCATCTGGGCGGGCGAGGAGCTCACCTTTGATTACAACATGCAAGTGGACCCCGTGG
ACATGGAGAGTACCCGAATGGACTCCAACCTTTGGCCTGGCAGGGCTCCCCGGCTCCCCAAGAACGGGT
CCGTATTGAATGCAAATGTGGGACAACAGCTTGCCGAAAATACCTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR204452 representing NM_001106956
 Red=Cloning site Green=Tags(s)

MGEPATLGCSVCKSSWNQLQDLCLAKLSCPALGVSKKNLYDFEVEYLCDYKKIREQEYLVKWRGYPD
 SENTWEPRQNLKCVIRILKQFHKDLERELVRRHRRSKPPRHLDPNLANYL VQKAKQRRALQRWEQELNAKR
 SHLGRITVENEVDLDGPPRSFVYINEYRVGEGITLNQVAVGCECQDCLLAPTGGCCPGASLHKFAYNDQG
 QVRLKAGQPIYECNSRCCCGYDCPNRVVQKGI RYVNL CIFRTDDGRGWGVRTLEKIRKNSFVMEYVGEIIT
 SEEAERRGQIYDRQGATYLFDLDYVEDVYTVDAAYYGNISHFVNHSCDPNLQVYNV FIDNLDERLPRIAF
 FATRTIWAGEELTFDYNMQVDPVDMESTRMSNFGLAGLPGSPKKRVRIECKCGTTACRKYLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

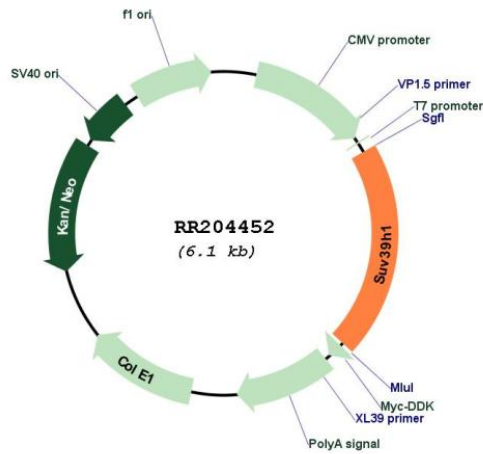
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106956

ORF Size:	1239 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:	<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_001106956.1 , NP_001100426.1
RefSeq Size:	3337 bp
RefSeq ORF:	1242 bp
Locus ID:	302553
Cytogenetics:	Xq12
MW:	47.8 kDa