

Product datasheet for **RR207552**

Suv39h2 (NM_001108883) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Suv39h2 (NM_001108883) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Suv39h2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR207552 representing NM_001108883
 Red=Cloning site Blue=ORF Green=Tags(s)
 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGGCCAGGGCCAAGGCACGGAGCGGTGAGGCCAGAGCGCGGTGTACCAGGCTCCAGGTCCGC
 CCCAGAGGCCAAACCCAGGCGAACGACGAGACGCTGCCGCGGACACCGTGACGGCGCGACGCTCGCG
 GTCGTCTGCGGGCGGGAGACGCGCCGGCTCCAACCGAGCGAGGTCCAGAGCTCCGCGGGCCGCGGTCTTT
 GGCGGCGAGTGTGCACGAGGTGCCTCATTCAAGGCCTGGTGTGTGCCTTGCCTAGTTTCACTTGATACTC
 TCCAGGAATTATGTAGAAAAGAAAAGCTCACATGTAATCGATTGGAATCACAAAAGGAATCTAAACAA
 TTATGAGTGGAGTACTTGTGTGACTACAAGGTAGTAAAGGGTGTGGAATATTATCTTGTAAAGTGGAAA
 GGATGGCCAGACTCTACAAACACCTGGGAGCCCTTGTGGAACCTCAGGTGCCACAGCTCCTGCAGCAGT
 TCTCTGACGACAAGAATACTTACTTATCCAGGGAAGGAAACGCAAGGCCATCACTTCAAAGACAATAA
 CAAATCCTTGCAACCTGCAGTTGCTGAGTATATTGTACAGAAAGCTAGGCAAAGAATAGCTCTGCAGAGA
 TGGCAAGATTACCTCAACAGAAGAAAGAACCAAGGGATGATATTTGTTGAAAATACTGTTGACTTAG
 AGGGCCCACCTTCAGACTTCTACTACATCAATGAATACAGGCCAGCTCCTGGGATCACCTTAAACAGTGA
 AGCTACCTTTGGGTGTTTCGTGTACAAACTGCTTCTTTGAAAAGTGTTCCTGCTGAAGCTGGAGTTGTT
 TTGGCTTATAATAAGAACCAGACAAATTAATCAACAGGCACTCCCATCTATGAATGCAACTCAAGGT
 GCCGATGTGGACCTGATTGTCCCAATAGGATTGTACAGAAAGGCACACAGTATCCCTGTGCATCTTTAG
 AACTAGCAATGGCTGTGGCTGGGTGTAAAAACCTTGTGAAGATTAAGGATGAGTTTTGTGCATGGAA
 TATGTTGGAGAGGTGATCACCAGTGAAGAGGCTGAGAGACGGGGACAGCTCTATGACAACAAAGGGATCA
 CCTACCTTTTTGATCTGGACTATGAGTCTGATGAGTTCACAGTGGATGCAGCTCGATATGGAAATGTGC
 TCATTTTGTGAATCATAGTTGTGACCCAAATCTCAGGTGTTTAGTGTTCATCGATAACCTTGACTACT
 CGGCTTCCAGGATAGCATTGTTCTCCACAAGAACCATAAAGGCTGGAGAAGAGCTGACTTTTGACTATC
 AAATGAAAGGTTCTGGAGAACTGTCTCAGACTCTATTGACTACAGCCCTGCCAGAAAAGGGTCAGAAC
 CCAATGCAATGTGGAGCTGAGACGTGCAGAGGTTACCTCAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207552 representing NM_001108883
 Red=Cloning site Green=Tags(s)
 MAAARAKARSGEARARCHRAPGPPQRPKPRRTTRRCRADTVTARRSRSSAGGRRAGSNRARSRAPRAAVF
 GGECARGASFKAWCVPLVSLDTLQELCRKEKL TCKSIGITKRNLNNEYEYLC DYKVVKGVEYYLVKWK
 GWPDSTNTWEPLWNL RCPQLLQQF SDDKNTYLSQGRKRKAITSKDNKSLQPAVAEYIVQKARQRIALQR
 WQDYLNRRKNHKGMI FVENTVDLEGPSPDFYYINEYRPAPGITL NSEATFGCSCTNCF FEKCCPAEAGVV
 LAYNKNRQIKIQPGTPI YECNSRCRCGPDPCPNRIVQKGTQYSLC IFRTSNGCGWGVKTLVKIKRMSFVME
 YVGEVITSEEARRGQL YDNKGITYLFDLDYESDEFTVDAARYGNVSHFVNHSCDPNLQVFSVFDNLDL
 RLPRIALFSTRTIKAGEELTFDYQMKGSSELSSDSIDYSPARKRVRTQCKCGAETCRGYLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001108883

ORF Size: 1443 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_001108883.1](#), [NP_001102353.1](#)

RefSeq Size: 4132 bp

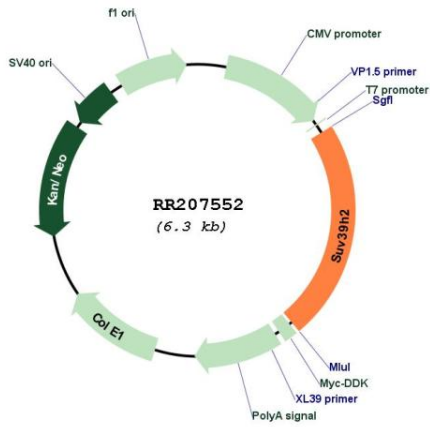
RefSeq ORF: 1446 bp

Locus ID: 364785

Cytogenetics: 17q12.3

MW: 54.7 kDa

Product images:



Circular map for RR207552