

Product datasheet for **MR210446**

Snrk (NM_001164572) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snrk (NM_001164572) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snrk
Synonyms:	2010012F07Rik; AI448042; AW547029; E030034B15; mKIAA0096; R74830
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR210446 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGGGTTCAAGCGAGGATATGATGGGAAAATTGCTGGATTATATGATCTGGATAAAACCTTGGGTC
 GAGGTCATTTTGCAGTGGTCAAACCTTGCCAGGCATGTCTTACAGGTGAGAAGGTGGCAGTGAAAGTCAT
 TGACAAGACGAAGCTGGACACTCTAGCCACTGGTCATCTTCCAGGAAGTGAGGTGCATGAAACTAGTG
 CAGCACCCCAACATTGTGCGTCTCTATGAAGTCATAGACACCCAGACCAAACCTTTATCTCATTCTAGAAC
 TTGGAGATGGAGGAGATATGTTTGATTATAATGAAGCACGAGGAGGGTCTTAATGAAGACTTGGCCAA
 GAAGTACTTTGCTCAGATAGTTCATGCTATATCTTATTGCCATAAACTCCATGTGGTCCACAGAGACTTG
 AAACCAGAGAATGTAGTCTTTTTGAAAAACAAGGTCTTGTGAAGTTGACAGACTTTGGCTTCAGCAACA
 AATTTTCAGCCTGGAAAGAACTACCACGAGCTGCGGGTCTCTTGCACTCTGCTCCAGAAATCCTGCT
 TGGCGATGAGTACGATGCCCTGCAGTAGACATATGGAGCCTGGGCGTGATCCTTTTCATGCTGGTGTGT
 GGGCAGCCACCCTTCCAAGAAGCCAACGACAGCGAGACACTGACCATGATCATGGACTGCAAGTACACGG
 TGCCACCCCGCGTGTCTGCAGGGTGCAGGGACCTGATCACACGAATGCTACAGAGAGACCCAAAAGGAG
 AGCCTCTCTGGAAGAGATTGAAAGCCACCCTTGGCTCCAGGGAGTGGACCCATCACAGCCACCAAGTAT
 AACATTTCCCTCGTGTCTACAAGAACCTCTCCGAGGAAGAGCACAACAGCATCATCCAGCGCATGGTGC
 TCGGGGACATCGCGGACCAGACGCCATCGTAGAAGCCCTGGAACCAACAGGTACAACCACATTACCGC
 CACTTACTTTTTACTTGTGAAAGGATCCTGAGAGAAAAGCAAGAGAAAGAAATACAGACCAGGTCTGCT
 AGCCCCAGCAACATCAAGGCCAGTTTAGGCAGTCATGGCCAACCAAAATTTGATGTACCCCAAGACCTTG
 AAGATGATCTCACTGCCACCCTCTGTACATGCCACAGTCCCAGTCTCCTGCTAGGGCTGGTGACAA
 TGTCTCAATGGCCACAGGAGCAAGGCCCTGTGTGACCCAGCCAAGAAAGATGAGCTCCCGGAGCTGGCT
 GGGCCGGCACTGTCCACTGTTCCACCTGAAGCATGAAGCCCGCAGCCAGTGGGCGCAAGTGTCTTTCA
 GGGTGAAGAAGATGAGGAGGAGGATGAGGAGGACAAGAAGCCTGTGTCCCTGTCCACGCAGGTGGTGTCT
 GCGCCGGAAGCCATCGGTACCAATCGCCTGACGTCTCGCAAGAGTGCCCAAGTGTCAACCAGATCTTC
 GAGGAGGGCGAGTCAGACGACGAGTTTACATGGACGAGAACCTGCCGCCAAGCTGAGCCGGCTGAAGA
 TGAACATTGCCTACCAGGCACAGTGCACAAGCGCTACCACCGCAGGAAAAGCCAGGGCCGGGGCTCTAG
 CTGACGACGCTCTGAGACCAGCGATGACGACTCCGAGAGCCGGCGGAGGCTGGACAAGGACAGCGGCTTT
 GCTTACTCGTGGCACCGCGTGACAGCAGTGGGGGCCACCAGGCAGCGAGGGCGATGGTGGCGCCAGA
 GCAAGCCTAGCAGCGGTGGCGGTGGACAAGGCCAGCCGGGTGAGCAGGGCACGGGTGGTGGCAGCCA
 GGGAGGCTCTGGTGGGACCCCGTCCGGTACAGCAGGGTCTCAAGGCGCTGTGCAGGCCCTGACTCATCC
 TCACCCTCCCCCGCTCAGCCTCTGCCGCTCCAGTGGTGCAGAGCTTGTGCAGAGCCTCAAACCTCGTGA
 GCCTGTGCCTAGGCTCACAGCTGCATGGCGCAAGTACATTCTGGACCCGAGAAGGCCTTGTCTCCAG
 CGTGAAGGTGCAGGAGAAGTCCACGTGGAAGATGTGCATCAGCGCCCCAGGCCCCAGCCCTCTGCTGAC
 CTTGACCCGGTGAGGACCAAGAAGCTGAGGAACAACGCGCTCCAGCTACCTCTGTGCGAAAAGACCATCT
 CCGTGAACATCCAGCGCAGCCGAAGGAAGGGTGTCTGCGCCTCCAGCCCCCAGCTGCTGCCATGT
 CATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210446 protein sequence
Red=Cloning site Green=Tags(s)

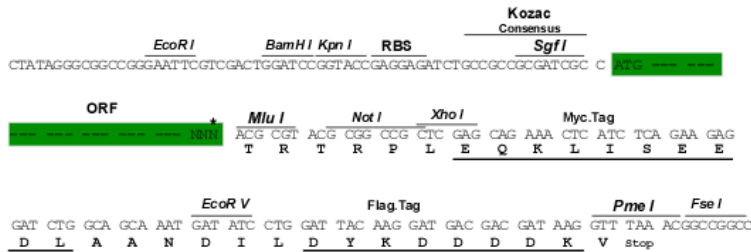
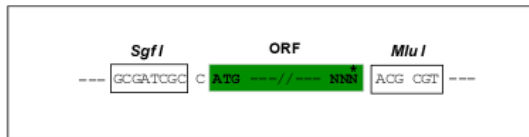
MAGFKRGYDGK IAGLYDLDKTLGRGHFAVVKLARHVFTGEEKVAVKVIDKTKLDLTLATGHLFQEVRCMKLV
 QHPNIVRLYEVIDTQTKLYLILELGDGDMFDYIMKHEEGLNEDLAKKYFAQIVHAI SYCHKLHVVRDL
 KPENVVFEKQGLVKL TDFGFSNKFQPGKLLTSCGSLAYSAP EILLGDEYDAPAVDIWSLGVILFMLVC
 GQPPFQEANDSETLTMIMDKYTVPPRV SAGCRDLITRMLQRDPKRRASLEEIESHPWLQGVDPSPATKY
 NIPLVSYKNLSEEEHNSIIQRMVLGDIADRDAIVEALETNRYNHITATYFLLAERILREKQEKEIQTRSA
 SPSNIKAQFRQSWPTKIDVPQDLEDDL TATPLSHATVPQSPARAGDNVNLNGHRSGKLC DPAKKDELPELA
 GPALSTVPPASMKPAASGRKCLFRVEEDEEEDEEDKPKVSLSTQVVLRRKPSVTNRLTSRKSAPVLNQIF
 EEGESDDEFDMDENLPPKLSRLKMNIASPGTVHKRYHRRKSQGRGSSCSSSETSDDDSESRRRLDKDSGF
 AYSWHRDSSEGGPSEGDGGGQSKPSSGGGVDKASPGEQGTGGGSGGSGGTPSGTAGSSRRCAGPDSS
 SPSPASASAAPRGAELVQSLKLVSLCLGSQLHGAKYILD PQKALFSSVKVQEKSTWKMCISAPGSPSAD
 LDPVRTKLRNNALQLPLCEKTI SVNIQRSRKEGLLCASSPASCCHVI

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_001164572

ORF Size: 2247 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_001164572.1](#), [NP_001158044.1](#)

RefSeq Size: 4810 bp

RefSeq ORF: 2247 bp

Locus ID: 20623

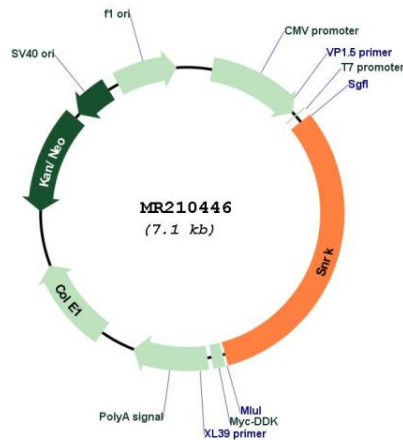
UniProt ID: [Q8VDU5](#)

Cytogenetics: 9 F4

MW: 81.9 kDa

Gene Summary: May play a role in hematopoietic cell proliferation or differentiation. Potential mediator of neuronal apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210446