

Product datasheet for **MR231441**

Sncaip (NM_001199153) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sncaip (NM_001199153) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sncaip
Synonyms:	2810407O15Rik; 4933427B05Rik; BB104594; SYPH1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>MR231441 representing NM_001199153
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAAGCCCCTGAATACCTTGATTTGGATGAAATCGACTTTAGTGATGACATTTCTTATTCAGTCACT
 CTCTCAAGACCATCCCAGCACTGTGCAGAAGATGTGACTCACAAAACGAAGACAGATCAGTTTCTAGCTC
 TGGCTGGAATTGTGGTGTCTCAACTCTCATTACAAACCCACAAAAGCCCACTGGAATCGCTGATGTATAC
 AGTAAGTTCGCCAGTGAAGCGAGTTTCTCCACTGAAGCATCAGCCGGAGACTCTGGAGAACAACGAAA
 ATGAGGACCAAAAGAACAATACGGTGAATACCAGAAAGGGGGGAGACTGACCAGGGCCCCAGCCTGA
 GGAGCTCAGCCCTGAAGATGGAGTCGGGGGTTGCCAGGCAAAGGCTCAGAGCCAGCCAAGCCCTGGGC
 GAGCTGGAGCACTATGACCTCGACATGGATGAGATTCTCGATGTGCCTTACATTAATCCAGTCAACAGC
 TGGCCCCGCTCAGGAAGGTGACTTCGGAGAAAAGGATTCTGGGTTTATGCACAACCATCAATGGCCTCTC
 TGCCAAAACCTGCCCTATTGCAAGCACTGAGAATCCACACCCAACATGACTCCATTTTGTGTTCTTTCT
 CCTGTGAAAAGCCCTCACTTACGGAAAGCACTACTGCCCTCCGGGACCAGCACAAGCTCTCTACAGAAG
 ACTCCGAGAGCTCGCCAGCTCTGGGTAATGTGGCCCTGCATATGAATCAGAAAACACAGTAAAGACTT
 CTTAAACAAGTTTTTAGTGATCCCCATAGTCGGAAAATTGAGAAGTCTGGGCCAGACTGCAAGCTCAGG
 TCCTTCCACCTGCAATCTTCAGCAGCAGGAGCCAAAACAGAGGAGCCGATCAATGGCATGAACTGGACCA
 ACACCCAAAGGCACGGAAGAAAGAAGTGAAGTACCTGAAGAAAGTAAAGAAGCATACTGAACATTGTCAACGA
 AGGACAGATATCGCTCTTGCCACACCTAGCTGCAGACAATCTGGACAAAATTCACGATGAGAACGGAAAC
 AATCTGTTACACATTGCTGCATCAAAGGCCATGCAGAATGCCTGCAGCACCTCACGTCACTGATGGGCG
 AAGACTGTCTGAATGAACGGAACACAGAGCAGCTGACTCCAGCAGGCTGGCCATCAAGAATGGTCAGCT
 GGAGTGTGTTTCGCTGGATGGTGAAGTGAAGCAGAAAGCCATTGCGGAATTGAGTTGTTCCAAGGATTTCCCA
 AGCCTTATTACATTACGCAGGTTGCTATGGGCAGGAAAAGATCCTTCTGTGGCTTCTTCAATTCATGCAAG
 AACAAAGGCATCTCATTGGATGAAGTGGACCGGGAAGGCAACAGTGTCTGTTGATGTCGCTCACAACATGG
 CTACCTTGGATGCATACAGACCCTGGTGGAGTATGGAGCGAATGTCACAAATGCAGAACACGCTGGGGAA
 AAGCCCTCCAGAGTGTGAGCGGCACGGCCACACCTATGCTCCCGGTACCTCGTGGTGGTGGAGACCT
 GCATGTCACTGGCCTCACAAGTGGTAAAGTTGACCAAGCAGCTAAAGGAGCAGACAGTGGAGCGTGTAC
 ACTGCAGAGTCACTCCAACAATCTAGAAGCCAGAAATCAGAGGGCAAGTCCCTGCCTTCTTCAACC
 AGTTCAACCTCCTCACCAGCTTCTACAAGTCCCAGTGGAAAGCTCTAGATACAGATGAGGAGTCTACAG
 GCAAAAGCAAAGTGGGAGCCAGGAGGGAATACAAGTTCTTGAAAGTTTGTGAGTCTCCAGCAGGGCTAG
 GACCAAAGGAAAAGATGAAGACTCAGATAAAATCCTACGTGAGTTATTGGGGAAAAGAAATATCAGAGAAT
 GTCTGCACCCAGGAAAAGCTGTCACTGGAATTCAGGATGCTCAGGCATCCTCTAGGAATTCGAAAAAAA
 TCCCTCTAGAGAAGAGGGAAGTGAAGTAGCCAGACTGAGGCAGCTGATGCAGAGATCGTTGAGTGAATC
 TGACACGGACTCAAACAATCTGAAGATCCCAAAAATACTCCTGTGAAAAGAGCAGACAGGCCGAGGCCA
 CAGCCCATTGTAGAAAGCGTGGAGAATGTAGACAGCGCAGAAAGCTTACACCTGATGATAAAGAAACACT
 CTCTGGCATCAGGACGCAGGTTTCTTTTGGTATGAAAGCCTCCAATCCCTGGATGGACACAGCCCATC
 TCCCACCTCAGAGAGCAGTGAACCAGACTTGGACTCCCATGGTCCAGGCTGGGGATGACTCCTCCAACC
 CAGCCTTCCACAGAAGCCACTCAGTCCAGTCCCGACAGTACCGCTGCCAGAAAGTTGCCACAAGCCCCA
 AGAGTGCCTCAAGTCTCCATCATCCAAGCGCCGACATCCCAAACTCAAACTCAGAGTGACCTTTGA
 GGAACCTGTCGTACAAATGGAACAAACTGGCCTTGAAGTAAATGGAGAAAAGACAAAGATAAGGGCAGG
 GCCCCCCAGAGGACTAGTGAATCCGGAGAACAATGAAAAGGCCTTTTCGGAACCTTCCGATCCATCATGG
 AGAGTTTAAAGTGGTAATCAGAACAACAATAATAACTACCAGCCAGCCAGCCAGCTGAAGACCTGCACACT
 ACCCTTGACATCCCTTGAAGGAAGACAGCAGATGCCAAGGGAATCCTGTGAGCCCGCGAGCAAAGGA
 AAGAATAAGGCAGCGATGTACAGCAGCTGTATCCATCTTCCCTAATGCGCTGGTTGAAGAGCATCTAC
 GTGACTATGCACGCATAATGACATCAAAGAAAACGCAACGAAAACCTACCACATGAAGCACACTGTGA
 GCCAGAGCCAAGGGAACCTTTCTTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR231441 representing NM_001199153
 Red=Cloning site Green=Tags(s)

MEAPEYLDLDEIDFSDDISYSVTSKLTIPALCRRCD SQNEDRSVSSSGWNCVSTLITNPQKPTGIADV
 SKFRPVKRVSP LKHQPETLENNEDQKNNTVEYQKGGTDQGPQPEELSPEDGVGGLPGKGEPSQALG
 ELEHYDLDMDEILDVPIKSSQQLAPLTKVTSEKRILGLCTTINGLSAKTCPIASTENSTPNMTPFCVLS
 PVKSPHLRKAPTALRDQHKLSTEDSESPALGKCGPAYESENHSDFLNKVFSDPHSRKIEKSGPDCKLR
 SFHLQSSAAGAKTEEPINGMNWTNTQGTERTYLLKVR SILNI VNEGQISLLPHLAADNLDKIHDENG
 NLLHIAASKGHAEC LQHLTSLMGEDCLNERNTEQLTPAGLAIKNGQLECVRWMVSETEAIAELSCSKDFP
 SLIHYAGCYGQEKILLWLLQFMQEQGISLDEVDRGNSAVHVASQHG YLGC IQTLVEYGANVTMQNHAGE
 KPSQSAERHGHTLCSRYLVVVETCMLASQVVKLTKQLKEQTVERTVLTQSQLQQLLEAQKSEKSLPSSP
 SSPSSPASTKSQWKALDTEESTGKSKVGAQEGIQVLGSLVSSRARTKGDSDKILRQLLGKEISEN
 VCTQEKLSLEFQDAQASSRNSKKIPLKRELK LARLQLMQRSLSESDTDSNNSDPKNTPVKRDRPRP
 QPIVESVENVDSAESLHLMIKKHS LASGRRFPFGMKASKSLDGHSPTSSESSEPDLD SHGPGLGMPPT
 QPSTEATQSSPDSTAAQKVATSPKSALKSPSSKRRTSQNSKLRVTFEEPVVQMEQTGLELNGEKDKDKGR
 APQRTSESGEQMKRPFGRFRSIME SLGNQNNNNYQPASQLKCTLPLTSLGRKTADAKGNPVSPASKG
 KNKAAMYSSCIHLPSNALVEEHLRDYARHNDIKRNATKYHMKHTAEPEPRELFL

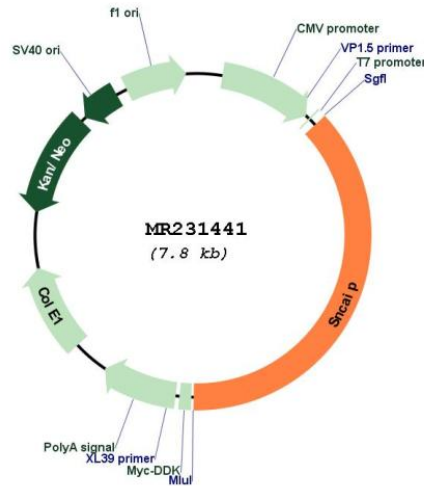
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001199153

ORF Size: 2895 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_001199153.1](#), [NP_001186082.1](#)

RefSeq Size: 3529 bp

RefSeq ORF: 2898 bp

Locus ID: 67847

UniProt ID: [Q99ME3](#)

Cytogenetics: 18 D1
MW: 106.4 kDa