

Product datasheet for **MR211049**

Sap130 (BC063075) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sap130 (BC063075) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sap130
Synonyms:	2610304F09Rik; 6720406D06
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR211049 representing BC063075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCACAAATGTGCAGATGTCCATAATCCGCAGCAACGCTCCCGGGCCCCCACTTCACATTGGAGCTT
 CCCACTTACCTCGAGGTGCAGCTGCTGCCGCTGTGATGTCCAGCTCTAAAGTAACACAGTCCTGAGGCC
 AACTTCACAGCTGCCAAATGCTGCTACGGCGCAGCCAGCAGTACAGCACCTCATTACCAGCCAATCCAG
 TCTCGGCCACCTGTGACCACCTCCAGTACAATCCCTCCTGCTGTAGTAGCAACAGTCTCAGCCACCAGAG
 CGCAGTCTCCTGTCACTACTACGACAGCGGCCACGCGGCTGACTCGACGCTCAGTCGGCCCACTTTATC
 TATCCAGCATCCACCATCTGCAGCCATTAGTATCCAGCGTCTGCACAGTCTCGAGATGTGACAACAAGA
 ATCACACTACCTTCTCATCCTGCGTTAGGGACTCCGAAACAGCAGCTCCATACAATGGCTCAGAAAACCA
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 AACCAACCAGCTGGATCTGTGTCGCACACACAAGCTCCACAAGTACAATTGTTACCATGACAATGCC
 TCCCATTCATCCCATGCTACTGCTGTGACCACTTCAAATATCCAGTTGCTAAGGTGGTGGCCACAGAGA
 TCACACACACTTCCCCTCGGATCCAGCCTGATTACCCTCCAGAGAGGAGTAGCCTGATTCCCATTTCCGG
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Protein Sequence: >MR211049 representing BC063075
Red=Cloning site Green=Tags(s)

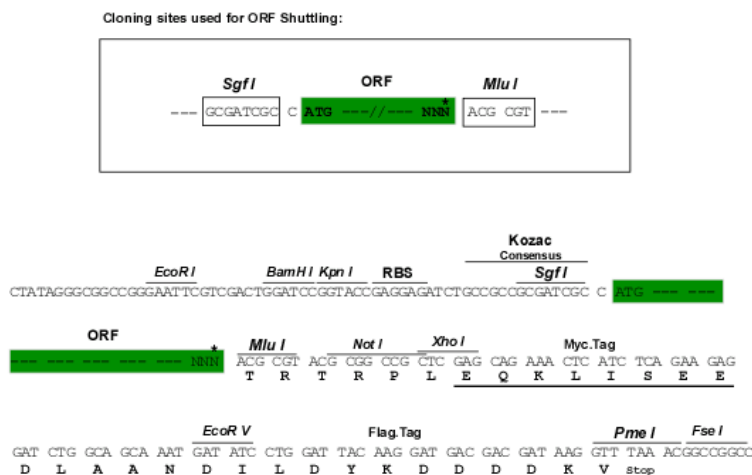
MTTNVQMSIIRSNA PGPLHIGASHLPRGAAAAAVMSSSKVTTVL RPTSQ L PNAATAQPAVQHLIHQPIQ
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ITLPSHPALGTPKQQLHTMAQKTI FSTGTPVAAATVAPILATNTLPSTTTAGSVSHTQAPTSTIVTMTMP
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DGATIVANPISNPFSAAPAATTVVQTHSQSASTNTPAQGSSPRPSILRKKPATDGMVRKTL LPPQPPDV
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AEKRKSPPKKEYIDEEQGLRYVTVLRPRPPTITLLRHYRNPKAAAYHHFQRYSDVRVKEEKKAMLQEIANQKGV
SCRAQGWKVHLCAAQLQLTNLEHDVYERLTNLQEGIPKKKAATDDDLHRINELIQGNMQRCKLVMDQI
SEARDSMLKVL DKKDRVLKLI NKNGTGVKVS KKRKEKY

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

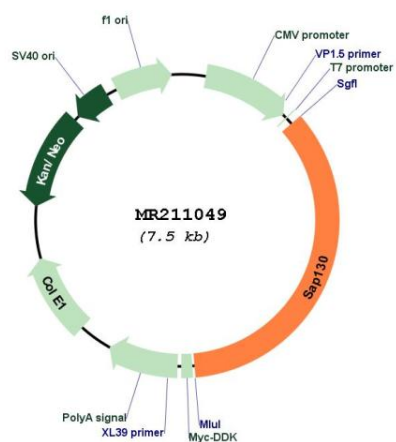
Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN:	BC063075
ORF Size:	2637 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC063075.1
RefSeq Size:	3599 bp
RefSeq ORF:	2639 bp
Locus ID:	269003
Cytogenetics:	18 B1
MW:	131.9 kDa
Gene Summary:	Acts as a transcriptional repressor. May function in the assembly and/or enzymatic activity of the mSin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211049