

Product datasheet for **RR208994**

Samd13 (NM_020089) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Samd13 (NM_020089) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Samd13
Synonyms: Djl; rDJL
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208994 representing NM_020089
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGAAGTATTACAAAGTACTCGGGGTGCCACAGGACGCGTCGTCCTCTGATATCAAGAAGGCTTTCC
ACCAGCTGGCTCTGCAGGTACACCCAGATAAAGAACCCCGAGACAGGGAAGCAGCCGAGGAGAAATTCAA
GCAAGTCGCAGAAGCCTATCAAATTTTATCTGATGCCAAGAAGCGAAAGGACTATGACAGGTCCCGATGG
AGCCGGACCAAAGAGGAGCTCATCAGAGGTGACGGCAGAGACGAAACCAATTGGGAAGAAGAAATATGCT
CTCGGAGGCCACGCCGACCTTCCAGACGGTCATCGAAGATGAAGACCTTTTTTCAGGAGATTATTTATT
CACTGGTCCCATGACGCATTCCAGAAGAGGTTCTTCCAACCTTTTACAGTCACCCCATATAGACACA
GGGTTTTCTACTTTTGTGTCCCAAGAATCCAAATCGAGTCCCGATGACTCTGAAGCCTTTGTGCCGTATA
TAAGCCATGGAATGGGAAAGTTCAGACTGGTCACCACTGTAGCCAGATAATGAATGGTAAGAGAGTTGT
CACAAAGAGAGTTGTAGAGAACATTCAAGGACCAAGAAAATAGAGAACGAACGGCTATTTCTGTTGGAAT
CCCTCACGTGGTTGAAATTGATGAAAAATCCCTGCTCT

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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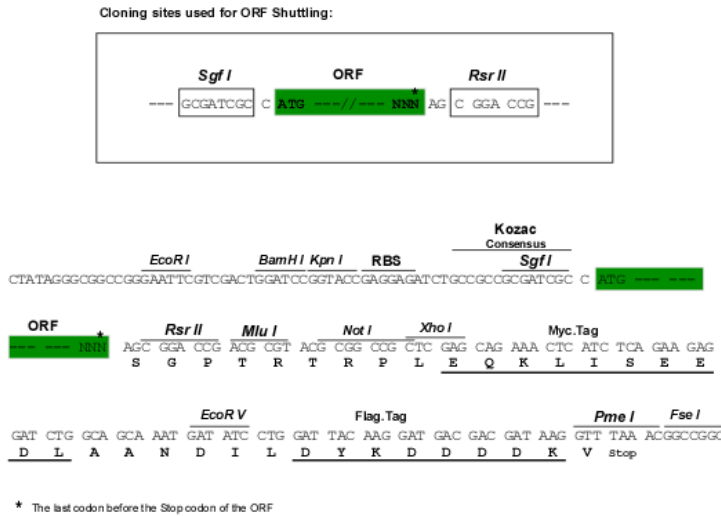
Protein Sequence: >RR208994 representing NM_020089
 Red=Cloning site Green=Tags(s)

MVNYKVLGVPQDASSDIKKAFLQALQVHPDKNPGDREAAEEKFKQVAEAYQILSDAKKRKDYDRSRW
 SRTKEELIRGDGRDETNWEEEICSRPRRTFQTVEDEDLFSGDYLFSGPMTHSRGSSNFFTVTPIIDT
 GFSTFVSQESKSSPDDSEAFVPYISHGMGKFRLVTTCSQIMNGKRVVTKRVVENIQGPKKIENERLFRWN
 PSRGWKLMPNCS

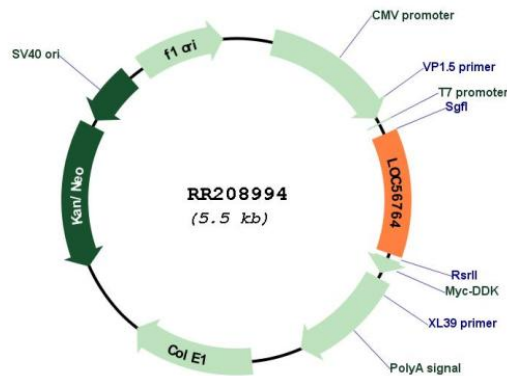
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_020089

ORF Size: 669 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_020089.2 , NP_064474.1
RefSeq Size:	1981 bp
RefSeq ORF:	672 bp
Locus ID:	56764
Cytogenetics:	2q44
MW:	25.8 kDa