

Product datasheet for **RR200861**

Stap2 (NM_001025026) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Stap2 (NM_001025026) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Stap2
 Synonyms: MGC108972
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR200861 representing NM_001025026
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTCAGCCCTGTGTCCACCCCGGGGCCCAAGCTCAAAGGTGCTCCACCTCCCACTACTACGAGA
 ACTTCCTAGAGAAAAAGGGACCCCTGTGACCAGGATTACAGGAAGTTCTGGGCGGGCTCCAGGGTTTAGC
 CATCTGTTTCTACAACAGCAATCGGGACTTGCAGCCCTGGAAAAGCTGGACCTGAGGCTGTTTTCAAAG
 CTCAAAGATGAGGCTCTGTTGGGAAGCTCACATGACACTACCTATCACTTCAGCCTGTTCTCCGGGACC
 AGGAGGTTAAATTCAAGGTGGAGAGCCTGGAGTCTTGAGATGTGAAAAGGATTTATCTTGACTGTGGT
 GGAGTCCGTGTCCCATCTAACCTGACCCTGCTGCCCGGACACATGTACATGATGGCTGAAGTCCTGGCC
 AAAGAGGAAGTACGAAGGGCAGCCGAGGTGCCCTGGTGTCTTCTGAGGTGAGCAGGCTAGAGGCGCAGC
 TGCTCCTGGAGCGCTACCCGGAGTGCGGAACTGCTTCTGCGACCTGGAGGGGATGGCAAGGACAGTGT
 GTCTGTCACTACCCGGCAGATACTCAATGGGTGCGCGGTGATCAAACACTACAAGGTGAAGCGAGAAGGT
 TCTAAGTATGTCATCGACGTAGAAGACCCGTTTTCTGCCCTCCCTGGAAGCTGTGGTCAACTATTTTG
 TGACGCACACCAAGAGGGCGCTGGTCCCCTTCTGTTAGATGAGGACTATGAGAAGGTTCTAGGCTTCGT
 GGATTCGGATCGGGAGAATGGCGAGAATGCATGGACTGTGCCCTCCTCCGAGGCTCAGGCCCTGCCCTC
 CCTGCTAATGTCCAAAGCCACTCCACCTGTACCTGTGTCTGTGTCCAGCCAGGAAGACAAAGCTGCCTC
 AACTACCTCCCCTGCCTCAGTTACCAGACCAGGATGAGAACTATGTGACTCCCATGAAGACTCCCTAGC
 AACTGAATACATGAATCGGGATGATCTCAAGGCCATTACCAACATCTGGACCAGGAACTAGGTGGAAGC
 TCACCCAGGCTTCTCCCTTGTGACAAGACTTGGGGATATCACCCTGAGCTGGAAGAGAACTACAGA
 AGAGGAGGGCACTGGAACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR200861 representing NM_001025026
Red=Cloning site Green=Tags(s)

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MASALCPPRGPCLKGAPPSHYENFLEKKGPCDQDYRKFWAGLQGLAICFYNSNRDLQPLEKLDLRLFSLK
LKDEALLGSSHDTTYHFSVLVRDQEVKFKVESLESCEMWKGFIILTVVELRVPSNLTLLPGHMYMAEVLAK
KEEVRRAAEVPWCFLQVSRLEAQLLLERYPECGNLLLRPGGDGKDSVSVTTRQILNGSPVIKHYKVKREG
SKYVIDVEDPFSCPSLEAVVNYFVTHTKRALVPFLLEDYEKVLGFVSDSDRENGENAWTPVSSRGS GPAL
PANVPKPLPPVPVSVSSQEDKLPQLPPLPQLPDQDENYVTPIEDSLATEYMNRDDLKAITNIWTRKLGGS
SPQASSLVTRLGDITAELEEKLQKRRALEH
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

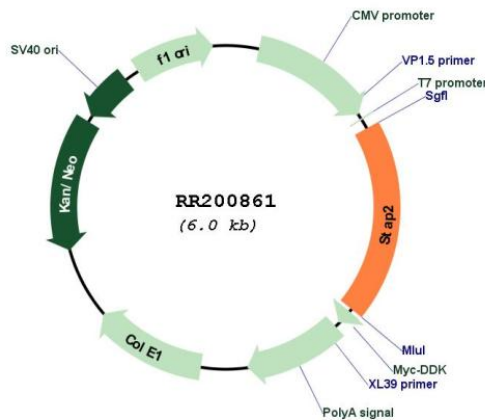
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001025026

ORF Size:	1140 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_001025026.1 , NP_001020197.1
RefSeq Size:	1439 bp
RefSeq ORF:	1143 bp
Locus ID:	363334
Cytogenetics:	9q12
MW:	42.8 kDa