

Product datasheet for **MG205248**

Stk40 (NM_028800) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stk40 (NM_028800) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Stk40
Synonyms: 2310004N11Rik; AI428792
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205248 representing NM_028800
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGCTGCATACCGAGTACTCTCTGCTCTCGCTGCTGCACACACAGGATGGCGTGGTCCACCACCATG
 GGCTCTTCCAGGACCGCACCTGTGAAGCGGTCGAGGACACAGAGTCTGGTCGGATGGTAAAGAAGATGAA
 GAAACGCATTTGCCTCGTCTTGACTGCCTCTGTGCACACGACTTCAGTGACAAGACGGCTGACCTCATC
 AACCTGCAGCACTATGTCATCAAGGAGAAGAGGCTCAGTGAGCGGAGACTGTGGTCATTTCTACGACG
 TGGTCCGGGTGGTGAAGCCCTGCACCAGAAAAACATCGTGCACCGAGACCTGAAGCTTGGGAACATGGT
 GCTCAACAAAAGGACCCATCGGATAACTATCACCAACTTCTGCCTTGGGAAGCACCTTGTGAGTGAAGGG
 GACCTGCTGAAGGACCAGAGGGGACGCCCCGCTACATCAGTCCTGATGTGCTCAGCGGGCCGGCCGTACC
 GGGGCAAGCCGAGTGACATGTGGCCCTTGGGCGTGGTGTCTTCACTATGCTCTATGGCCAGTTCGCCCTT
 CTACGACAGCATCCACAGGAGCTTCCGCAAGATCAAGGCTGCTGAGTACACCATCCCTGAGGATGGG
 AGAGTCTCTGAGAACACAGTGTGTCTTATCCGAAACTGCTGGTCTTGAACCCAGCAACGCTGGCTG
 CTGCCGATGTCTGGAGGCTCTCAGTGCCATCATTGCATCTTGGCAGTCCCTGTCTCTGAGTGGCC
 TTTGCAAGTGGTCCGGACATTTGATGACCAAATGAGCAGCTCTGACAGCTCCAGGAGGCAAGGTGACA
 GAGGAGTGTCCCAATACGAGTTTGAGAACTACATGCGACGAACTGCTGGTCTGAAGAGAAGAGT
 CCATCCATGAGGCCCGGCTGGGTGCCAAGCGGCAATTCGGTAGCATGCCACCGGTCCGACGGCTAGG
 CCACGACGCACAGCCAATGACCTCCTTGGACACAGCCATCCTGGCACAACGCTATCTGCGGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205248 representing NM_028800
 Red=Cloning site Green=Tags(s)

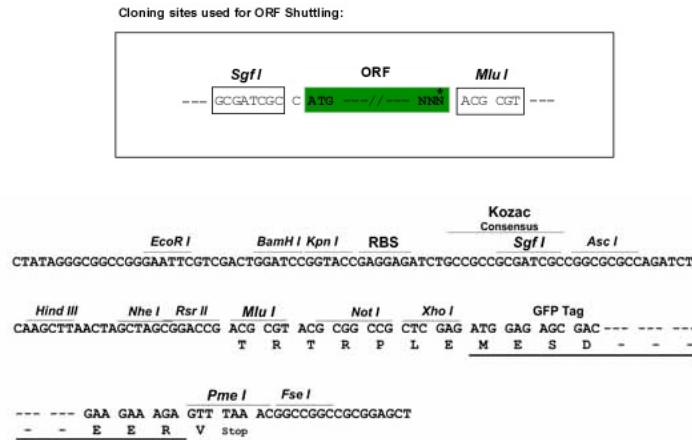
MLLHTEYSLLSLLHTQDGVVHHHGLFQDRTCEAVEDTESGRMVKKMKKRICLVLDCLCAHDFSDKTADLI
 NLQHYVVIKEKRLSERETVVIFYDVVVRVEALHQKNIVHRDLKLGNMVLNKRTHRITITNFCLGKHLVSEG
 DLLKDRQGSPAYISPDVLSGRPYRGKPSDMWALGVVLF TMLYGQFPFYDSIPQELFRKIKAAEYTI PEDG
 RVSENTVCLIRKLLVLDPQQRLAADVLEALSAIIASWQSLSSL SGPLQVVPDIDDQMSSSDSSQEAKVT
 EECSQYEFENYMRQQLLLAEKSSIHEARAWVPKRQFGSMPPVRRLGHDAQPMTSLDTAILAQRYLK

TRTRPLE - GFP Tag - V

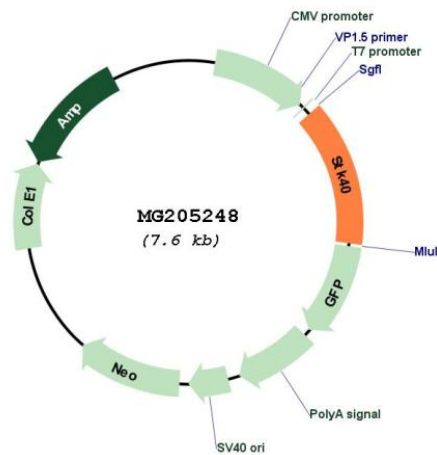
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_028800

ORF Size: 1044 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_028800.2 , NP_083076.2
RefSeq Size:	3338 bp
RefSeq ORF:	1308 bp
Locus ID:	74178
UniProt ID:	Q7TNL3
Cytogenetics:	4 D2.2
Gene Summary:	May be a negative regulator of NF-kappa-B and p53-mediated gene transcription. [UniProtKB/Swiss-Prot Function]