

## Product datasheet for MC215700

### Stk40 (NM\_028800) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stk40 (NM\_028800) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Stk40  
**Synonyms:** 2310004N11Rik; AI428792  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC215700 representing NM\_028800  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGCGGAGAGCATCAGACAGAGGAGCTGGGGAGACGTCGCCAACGCCAAGGCTCTAGGAAGTGGCA  
 TTGCTGGAATAACGCAAAGAGAGCAGGACCGTTCGTCCTGGGTCCCCGCTGGGCAACTCACCGGTACC  
 GAGCATTGTGCAGTGTGGCAAGAAAAGATGGCACAGATGACTTCTATCAGTTGAAGATCTCACCTT  
 GAGGAGAGGGGTGAGCAAGGAATAGAGAGCCAAGAGGAGAGGCAGGGCAAGATGCTGCTGCATACCGAGT  
 ACTCTCTGCTCTCGCTGCTGCACACACAGGATGGCGTGGTCCACCACCATGGGCTCTTCCAGGACCGCAC  
 CTGTGAAGCGGTCGAGGACACAGAGTCTGGTCGGATGGTAAAGAAGATGAAGAAACGCATTTGCCTCGTC  
 CTTGACTGCCTCTGTGCACACGACTTCACTGACAAGACGGCTGACCTCATCAACCTGCAGCACTATGTCA  
 TCAAGGAGAAGAGGCTCAGTGAGCGCGAGACTGTGGTCATTTTCTACGACGTGGTCCGGTGGTGGAAAGC  
 CCTGCACCAGAAAACATCGTGCACCGAGACCTGAAACTTGGGAACATGGTGCTCAACAAAAGGACCCAT  
 CGGATAACTATCACCAACTTCTGCCTTGGGAAGCACCTTGTGAGTGAAGGGGACCTGCTGAAGGACCAGA  
 GGGGCAGCCCCGCTACATCAGTCTGATGTGCTCAGCGGCCGCTACCGGGCAAGCCGAGTGACAT  
 GTGGGCCCTTGGCGTGGTCTTCACTATGCTCTATGGCCAGTTCCCTTCTACGACAGCATCCCACAG  
 GAGCTCTTCCGCAAGATCAAGGCTGCTGAGTACACCATCCCTGAGGATGGGAGAGTCTCTGAGAACACAG  
 TGTGTCTTATCCGGAACTGCTGGTCTTGACCCAGCAACGCCTGGCTGCTGCCGATGTCTGGAGGC  
 TCTCAGTGCCATCATTGCATCTTGGCAGTCCCTGTCTCTGAGTGGCCCTTTGCAAGTGGTTCCGGAC  
 ATTGATGACCAAATGAGCAGCTCTGACAGCTCCCAGGAGGCAAAGGTGACAGAGGAGTGTCCCAATACG  
 AGTTTGAGAACTACATGCGACAGCAACTGCTGCTGGCTGAAGAGAAGAGTTCCATCCATGAGGCCCGGC  
 CTGGGTGCCAAGCGCAATTCCGTAGCATGCCACCGGTCGACGGCTAGGCCACGACGCACAGCCAATG  
 ACCTCCTTGGACACAGCCATCCTGGCACAACGCTATCTGCGGAA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_028800
<b>Insert Size:</b>	1308 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_028800.3</a></u> , <u><a href="#">NP_083076.3</a></u>
<b>RefSeq Size:</b>	3523 bp
<b>RefSeq ORF:</b>	1308 bp
<b>Locus ID:</b>	74178
<b>UniProt ID:</b>	<u><a href="#">Q7TNL3</a></u>
<b>Cytogenetics:</b>	4 D2.2
<b>Gene Summary:</b>	May be a negative regulator of NF-kappa-B and p53-mediated gene transcription. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region and uses a downstream translational start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a.