

Product datasheet for **MC216013**

Stk40 (NM_001145827) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk40 (NM_001145827) 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



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Fully Sequenced ORF: >MC216013 representing NM_001145827
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGCCGTATCTGAGAGGAGCCTCGACCAGGAAGTGAAGCGGAGAGCATCAGACAGAGGAG
CTGGGGAGACGTCGCCAACGCCAAGGCTCTAGGAACTGGCATTGCTGGAATAACGCAAAGAGAGCAGG
ACCGTTTCCTGGTCCCGCCTGGGCAACTACCGGTACCGAGCATTGTGCAGTGTGGCAAGAAAA
GATGGCACAGATGACTTCTATCAGTTGAAGATCCTCACCCCTGAGGAGAGGGGTGAGCAAGGAATAGAGA
GCCAAGAGGAGAGGCAGGGCAAGATGCTGCTGCATACCGAGTACTCTGCTCTCGCTGTCACACACA
GGATGGCGTGGTCCACCACCATGGGCTCTCCAGGACCGCACCTGTGAAGCGGTGAGGACACAGAGTCT
GGTCGGATGGTAAAGAAGATGAAGAAACGCATTTGCCTCGTCTTGACTGCCTCTGTGCACACGACTTCA
GTGACAAGACGGCTGACCTCATCAACCTGCAGCACTATGTCATCAAGGAGAAGAGGCTCAGTGAGCGCGA
GACTGTGGTCATTTCTACGACGTGGTCCGGGTGGTGAAGCCCTGCACCAGAAAAACATCGTGCACCGA
GACCTGAAACTTGGGAACATGGTGTCAACAAAAGGACCCATCGGATAACTATCACAACCTCTGCCTTG
GGAAGCACCTTGTGAGTGAAGGGACCTGCTGAAGGACCAGAGGGGCAGCCCCGCCTACATCAGTCTGA
TGTGCTCAGCGGCCGGCCGTACCGGGGCAAGCCGAGTGACATGTGGGCCCTGGGCGTGGTCTTCACT
ATGCTCTATGGCCAGTTCCTTCTACGACAGCATCCACAGGAGCTCTCCGCAAGATCAAGGCTGCTG
AGTACACCATCCCTGAGGATGGGAGAGTCTCTGAGAACACAGTGTGTCTTATCCGGAACTGCTGGTCT
TGACCCCAAGCAACGCCCTGGCTGCTGCCGATGCTCTGGAGGCTCTCAGTGCCATCATTGCATCTTGGCAG
TCCCTGTCCTCTCTGAGTGGCCCTTTCGAAGTGGTCCGGACATTGATGACCAAAATGAGCAGCTCTGACA
GCTCCCAGGAGGCAAAGGTGACAGAGGAGTGTCCCAATACGAGTTTGAGAACTACATGCGACAGCAACT
GCTGCTGGCTGAAGAGAAGAGTTCCATCCATGAGGCCCGGGCTGGGTGCCCAAGCGGCAATTCCGTAGC
ATGCCACCGGTCCGACGGCTAGGCCACGACGCACAGCCAATGACCTCCTTGGACACAGCCATCCTGGCAC
AACGCTATCTGCGGAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001145827

Insert Size: 1350 bp

OTI Disclaimer: 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).

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.

RefSeq: [NM_001145827.1](#), [NP_001139299.1](#)

RefSeq Size: 3877 bp

RefSeq ORF: 1350 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]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.