

## Product datasheet for **RN211390**

### Stk40 (NM\_183056) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stk40 (NM_183056) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stk40
Synonyms:	Lyk4; RGD1307310
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN211390 representing NM\_183056  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGCGGAGAGCATCAGACAGAGGAGCTGGGGAGACGTCGGCCAAGGCCAGGCTCTAGGGACTGGCA  
 TTGCTGGAAATAATGCAAAGAGAGCAGGACCGTTCATCCTGGGTCCCGCCTGGGCAACTACCGGTACC  
 GAGCATTGTGCAATGTTTGGCAAGGAAAGACGGCACGGACGACTTCTATCAGTTGAAGATCCTCACCCCTT  
 GAGGAGAGGGGCGAGCAAGGAATTGAGAGCCAAGAGGAGAGGCAGGGCAAGATGCTGCTGCATACCGAGT  
 ACTCTCTGCTGTCCCTGCTGCACACACAGGATGGCGTGGTCCACCACCATGGCCTCTTCCAGGACCGCAC  
 GTGTGAAGCGGTCGAGGACACAGAGTCTGGGCGGATGGTAAAGAAGATGAAGAAACGCATTTGCCTTGTC  
 CTTGACTGCCTCTGTGCACACGACTTCAGTGACAAGACCGCTGACCTCATCAACCTACAGCACTACGTCA  
 TCAAAGAGAAGCGGCTCAGTGAGCGTGAGACTGTGGTCATTTTCTATGATGTAGTCCGTGTGGTAGAAGC  
 CCTGCACCAGAAAACATCGTGCACAGAGACCTGAAGCTTGGGAACATGGTGCTCAATAAAAGGACCCAT  
 CGGATAACTATACCAACTTCTGCCTTGGAAAGCACCTTGTGAGTGAGGGGGACCTGCTGAAGGACCAGA  
 GGGGGAGCCCTGCCTACATCAGTCTGTGCTCAGCGGCCGGCCATACCGGGGGAAGCCTAGTGACAT  
 GTGGGCCCTTGGGCGTGGTGTCTTACCATGCTCTATGGCCAGTCCCCTTCTACGACAGCATCCCACAG  
 GAGCTCTTCCGCAAGATCAAGGCTGCTGAGTACACCATCCCTGAGGATGGGCGAGTCTCTGAGAACACAG  
 TGTGTCTTATCCGAAACTACTGGTCTTGACCCCAAGCAACGCCTGGCTGCTGCAGATGCTCTGGAGGC  
 CCTCAGTGCCATCATTGCATCTTGGCAGTCCCTGTCTCTGAGTGGGCTTTCGAAGTGGTTCCTGAC  
 ATCGATGACCAAATGAGCAGCTCTGACAGCTCCAGGAGGCAAAGGTCACAGAGGAATGCTCCCAGTACG  
 AGTTTGAGAATTACATGCGACAGCAGCTGCTGGCTGAAGAGAAGAGCTCCATTACAGAGGCCCGGAC  
 CTGGGTACCCAAGCGGCAGTTTGGTAGCATGCCACCCGTCCGACGGCTAGGCCACGATGCACAGCCAATG  
 ACCTCCTTGGACACAGCCATCCTGGCACACGCTATCTGCGGAAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_183056

**Insert Size:** 1308 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\\_183056.2](#), [NP\\_898879.2](#)

RefSeq Size:	3495 bp
RefSeq ORF:	1308 bp
Locus ID:	360230
UniProt ID:	<a href="#">Q7TNL4</a>
Cytogenetics:	5q36
Gene Summary:	May be a negative regulator of NF-kappa-B and p53-mediated gene transcription. [UniProtKB/Swiss-Prot Function]