

## Product datasheet for **RN208072**

### **Stk4 (NM\_001107800) Rat Untagged Clone**

#### **Product data:**

|                    |                                        |
|--------------------|----------------------------------------|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | Stk4 (NM_001107800) Rat Untagged Clone |
| Tag:               | Tag Free                               |
| Symbol:            | Stk4                                   |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >RN208072 representing NM\_001107800  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGACCGTGCAACTGAGGAACCCACCGCGCAGGCAGCTGAAAAAGTTGGATGAAGATAGTTAACTA  
 AACAGCCAGAAGAAGTGTGGATGCTTAGAGAACTTGGAGAAGGGTCTTATGGCAGCGGTACAAGGC  
 GATTCACAAAGAGACCGGCCAGATTGTCGCCATCAAGCAGGTGCCCGTGGAGTCGGACCTGCAGGAGATA  
 ATCAAGGAAATCTCGATAATGCAGCAGTGTGACAGCCACATGTCGTCAAATACTATGGCAGCTACTTTA  
 AGAACACGGACCTGTGGATTGTTATGGAGTACTGTGGGCTGGTTCTGTATCCGATATTATCGGCTCCG  
 AAACAAGACGTTAACAGAAGATGAAATAGCTACAATATTACAATCAACTCTTAAAGGATTAGAATACCTT  
 CATTTTATGAGAAAAATACACCGAGATATCAAGGCGGAAATATTTTCTAAACACAGAAGGCCATGCAA  
 AGCTTGCAGACTTTGGAGTCGCAGGCCAATTACAGATACCATGGCAAAGAGGAATACAGTGATAGGGAC  
 ACCGTTTTGGATGGCTCCTGAAGTTATTCAGGAAATCGGGTACAACCTGTGTGGCAGACATCTGGTCTCTG  
 GGAATCACGGCCATAGAAATGGCTGAAGGAAAGCCCCATACGCTGACATCCATCCAATGAGGGCAATAT  
 TCATGATTCCTACAAACCTCCTCCACATTCCGTAAGCCCGAGGTGTGGTCCGACAACCTCATGGATTT  
 CGTGAAGCAGTGTCTGGTAAAAAGCCCGGAGCAGAGGCCACAGCCACTCAGCTCCTCCAGCACCCGTTT  
 GTTAAGAGCGCCAAGGGAGCGGCCATACTGCGAGACTTAATTAACGAGGCCATGGACGTGAAACTGAAGC  
 GCCAGGAAGCCCAGCAGCGGGCAGTGGACCAGGACGACGATGAGAACTCAGAGGAGGATGAAATGGACTC  
 TGGCAGATGGTTCGAGCTGCGGGTGTGACATGGGCACTGTCCGAGTAGCCAGCAGATGAGCGGGGA  
 GCCAATACTATGATTGAGCACGGTGACACATTGCCATCCCAGCTGGTACCATGGTGATCAACACGGAGG  
 ATGAGGAAGAGGAAGGAACCATGAAAAGGAGAGATGAGACCATGCAGCCTGCAAAAACCGCTTTTTCTTGA  
 ATACTTTGAACAAAAAGAAAAGGAAAATCAGATCAACAGCTTTGGCAAGAAATGTATCTGGCTCTCTGAAG  
 AATTCTTCAGATTGAAAAATACCTCAGGATGGAGACTACGAGTTTCTGAAGAGCTGGACTGTGGAGGACC  
 TTCAGAAGCGGCTCTCTGCCCTCGACCCATGATGGAGCAGGAAATGGAAGAGATCCGGCAGAAATACCG  
 CTCCAAGCGGCAGCCAATCCTGGATGCCATCGAAGCCAAGAAGAGGAGGCAACAGAACTT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001107800

**Insert Size:** 1464 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\_001107800.1, NP\_001101270.1  
RefSeq Size: 5229 bp  
RefSeq ORF: 1464 bp  
Locus ID: 311622  
Cytogenetics: 3q42