

## Product datasheet for **MC227660**

### Strada (NM\_001252448) Mouse Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                                   |
| Product Name:             | Strada (NM_001252448) Mouse Untagged Clone            |
| Tag:                      | Tag Free  |
| Symbol:                   | Strada  |
| Synonyms:                 | 2610019A05Rik; 6030402H20Rik; AI480680; E130112C09Rik |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)                                |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                  |



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**Fully Sequenced ORF:** >MC227660 representing NM\_001252448  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTTTTTCTTGTAAAGTAAACCAGAGCGCATTAGCGGTGGGTCTCGGAAAAGTTCATTGTTGAGGGCT  
 TAAGAGATTTGGAAGTGTGGAGAGCAGCCTCCGGGTGACACTCGGAGAAAAGCCAATGAGGCGAGCTC  
 AGAGTCCATAGCATCTTTCTCCAAACCAGAGATGATGAGCAGCTTTCTCCAGAGGGCGGGTGTATGAG  
 CTGCTCACCATCATAGGCAAAGGGTTTGGAGACTTGTGACAGTGAATTTAGCCAGGTACAAACCAACGG  
 GAGAGTATGTGACAGTACGAAGGATCAACCTAGAAGCTTGTCCAATGAGATGGTGACATTCTTGACAGG  
 GGAGCTTCATGTCTCTAAACTCTCAGCCATCCCAATATAGTACCGTATCGAGCCACCTTCATCGCAGAT  
 AATGAGCTGTGGTCTGACATCATTTATGGCGTACGGCTCTGCAAAGGATCTCATTGGCACACACTTCA  
 TGGATGGCATGAATGAACTGGCGATTGCATACATCCTGCAGGGGGTGCTAAAGGCCTTAGACTACATCCA  
 TCACATGGGCTATGTGCACAGGAGTGTCAAGGCCAGCCACATTCTGATCTCCACGGATGGGAAGGTCTAC  
 CTGTCTGGTTTACGCAGCAACCTTAGCATGATTAGTACGGGCAGCGGCAGCGTGCAGTCCACGATTTC  
 CCAAATATAGTATCAAGTCTGCTTGGCTCAGCCAGAAAGTCTCCAGCAGAATCTTCAGGGTTACGA  
 TGCCAAGTCCGATATCTACAGTGTGGGAATCACAGCATGTGAACTAGCCAATGGCCATGTCCCCTTCAA  
 GATATGCCTGCCACTCAGATGCTGTAGAAAACTTAATGGCACAGTGCCTGCCTGCTGGACACCAGCA  
 CCATCCCTGCCGAGGAGCTGACCATGAGTCCCTCCCGCTCCATCGCCAACCCTGGCCTGAATGACAGCCT  
 GGCTGCTGGTAGCCTCCGGCCTTCCAATGGCGACTCGCCTCCCACCCCTACCACCGAACCTTCTCGCCT  
 CACTTCCACAACCTTTGTGGAACAGTGCCTTCAGCGCAACCCTGACGCAAGGCCAAACGCCAGCACCTGC  
 TGAACCACTCTTCTTCAAGCAGATCAAGCGGCGTGCTTCCGAGGCTTTGCTGAGTTGCTCCGCCAGT  
 CACTCCCATCACCAACTTCGAGGGCAGCCAGTCTCAGGATCACAGTGAATCTTCGGCCTGGTGACAAAC  
 CTAGAAGACTGGAGGTGGATGACTGGGAGTTC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001252448
- Insert Size:** 1296 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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).

|                               |   |
|-------------------------------|---|
| <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>NM_001252448.1, NP_001239377.1</u>   |
| <b>RefSeq Size:</b>           | 2543 bp   |
| <b>RefSeq ORF:</b>            | 1296 bp   |
| <b>Locus ID:</b>              | 72149   |
| <b>UniProt ID:</b>            | <u>Q3UUJ4</u>   |
| <b>Cytogenetics:</b>          | 11 E1   |
| <b>Gene Summary:</b>          | <p>Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation (By similarity).<br/>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>  |