

Product datasheet for **MC205293**

Strada (NM_028126) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Strada (NM_028126) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Strada
Synonyms:	2610019A05Rik; 6030402H20Rik; AI480680; E130112C09Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058517
 CGAGACGGAGTCGGTACTGCGCTCTGACTCCTAGACCAGGTTTAAAGTTTTGAAGTTGAAGTAGGTCTAC
 ACAGTAGGAACCCATGTCTTTTCTTGCCAATGAGGCGAGCTCAGAGTCCATAGCATCTTTCTCCAAACCA
 GAGATGATGAGCAGCTTTCTCCAGAGGGCGGGTGTATGAGCTGCTCACCATCATAGGCAAAGGGTTG
 AGGACTTGATGACAGTGAATTTAGCCAGGTACAAACCAACGGGAGAGTATGTGACAGTACGAAGGATCAA
 CCTAGAAGCTTGTCCAATGAGATGGTGACATTTGCAGGGGGAGCTTCATGTCTTAAACTCTTCAGC
 CATCCCAATATAGTACCGTATCGAGCCACCTTCATCGCAGATAATGAGCTGTGGTCTGCACATATTTA
 TGGCGTACGGCTCTGCAAAGGATCTCATTGGCACACACTTCATGGATGGCATGAATGAAGTGGCGATTGC
 ATACATCTGCAGGGGTGCTAAAGGCCTTAGACTACATCCATCATGCGCTATGTGCACAGGAGTGTG
 AAGGCCAGCCACATTCTGATCTCCACGGATGGGAAGGTCTACCTGTCTGGTTTACGCAGCAACCTTAGCA
 TGATTAGTCACGGGCAGCGGCAGCGTGCAGTCCACGATTTCCCAAAATATAGTATCAAGGTCCTGCCTTG
 GCTCAGCCAGAAGTCTCCAGCAGAATCTTCAGGGTTACGATGCCAAGTCCGATATCTACAGTGTGGGA
 ATCACAGCATGTGAAGTACCAATGGCCATGTCCCCTTCAAAGATATGCCTGCCACTCAGATGCTGCTAG
 AAAAATAATGGCACAGTGCCCTGCCTGCTGGACACCAGCACCATCCCTGCCGAGGAGCTGACCATGAG
 TCCCTCCCGCTCCATCGCAACCCTGGCCTGAATGACAGCCTGGTGTGCTGGTAGCCTCCGGCCTTCCAAT
 GCGGACTCGCCTCCACCCCTACCACCGAACCTTCTCGCCTCACTTCCACAACCTTGTGGAACAGTGCC
 TTCAGCGCAACCCTGACGCAAGGCCAAACGCCAGCACCCCTGCTGAACCACTCCTTCTTAAAGCAGATCAA
 GCGGCGTCTTCCGAGGCTTTGCCTGAGTTGCTCCGCCAGTCACTCCCATCACCAACTTCGAGGGCAGC
 CAGTCTCAGGATCACAGTGAATCTTCGGCCTGGTGACAAACCTAGAAGACCTGGAGGTGGATGACTGGG
 AGTTCTGAGTCTCTGCAGCCTGTCTCCAGCTGGCTGGCTGGGGTATGAGCCTGGGGCCTTCTTGAGGA
 CCAGCATCTGCCTCTGGCCACAGACTGGGTTCAAAGGATATTCTGCCTGCCAAGCTGGCTGTTGGCTACT
 TGAAAGGACATTCTAGAAGGGACTTCACTGTTTTTGTGGCTTTTGTGAGCTCAGGGGACCTCCTAGAAGGAAGT
 GGACTTGGAGAGGCCGAAAGCTGACATCTGTGTGAGCTCAGGGGACCTCCTAGAAGGAAGT
 GCTGCATGGGCCCGAGGCTCACGGCCAGGCCAGAGTAACTTTGACCCAGGGACCTTCACATCCTCTT
 CCCAACACTTGCTCTCAGTAGCCTAGTCCCTCTTCCCTCTGTTCCCATGTCTGAAGGGGCTGAAAGGGGA
 CAAGTCTAAGCTGTCTGGCCCTGCCAGCCGAGGCATTGCCCCAGCTACTGAGCACCAGGTGAGTTAA
 GGCTGGGACTGGCCATCCTCATCTCCACCTCTCGTGGGCCCTGACACCTGAAACCATCTTAGCTCATTTA
 TTACTCTCTTCCCAAGAATCCATCTTACTGCCTCTGCCAGCTGCTGCCTTGGTGCCTCTCCAAGGG
 CCATACATGTCTGCCTCATCTGAGGGCTTAAGAGTCTTAAAGTTGTATTAGTTTCATTGTCAGAACAAA
 TAAAAATTTTCAGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_028126

Insert Size: 1185 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: [BC058517](#), [AAH58517](#)

RefSeq Size: 2003 bp

RefSeq ORF: 1185 bp

Locus ID: 72149

UniProt ID: [Q3UUJ4](#)

Cytogenetics: 11 E1

Gene Summary: 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).

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks two consecutive exons in the 5' coding region, compared to variant 1. The reading frame is not affected and the resulting isoform (2) lacks an internal segment, compared to isoform 1.