

## Product datasheet for **RN202058**

### **Slfn4 (NM\_053687) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slfn4 (NM_053687) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slfn4
Synonyms:	Cdk107; Slfn3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN202058 representing NM\_053687  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCATCACTGTGTCGATCAGGACACAGACTACGCTGAACTGGTTCTGTCTATAGGAGAAATCACACTTG  
 GAGAGAAGACCAGGAAATCAATGAAAGATAGTCAACGGAGAAAAAGAGAGGCCAAAACTTTCCAACAGGC  
 TGTATGTACCCTGTTGAATTCTGGAGGAGGCGTGGCCAAGGCTCGCATTAAAAATCAAACTACGACTTC  
 AGCCGAGATGGAGTAGGACAGGATTTGGAAAATTTCTTACCTCATATCCTGGATTTCTCATGAATACC  
 TAGACTTCAAGCAGGTCAAAGACTACTTTCTCATGTTTGTGAAAGCATGGAAGCTGAAACAGAAAGGTCC  
 AGGGATCACACCTTGAAAACCACTTGTACATCAGAAGCATCTCATCCTCAATTGAACTGAAAGCAGTC  
 AATGCAGTGAAGTTCCTCAAATCCAGGAAATGTTCTAAAGGGAGATCAGATTCCAGACTGAGTTCACCCG  
 GAACAATCGTCTGTAATGAAGTACTAAATGAATGTCTTAACTTGTAAACAGAGACTGTTTTACCTGTAA  
 AGAGAAATCTGTTTCACTAAAGCCACACATGCTGAAGTAAAATTGACTCCTAAGGAAAACATTTTAGAA  
 ATCCTCCCTCAAACCTGTTTCTTCAATTTGCAAACCGGATGGGGGATATTTGTTTCATTGGTTTGGATGGCA  
 AAACCCAGGAAATATTGGCTTTGAAGCAGAGAAGAGCGACCTTGTGCATCTAGAGAGTGAATAGAAAA  
 GTGCATCCGACAGCTGCCTGTCACTCACTTCTGTGAGGAGAGGGAGAAGTCAAGTACACGTGCAAATTC  
 ATGGAAGTGCACAAACCCGGAGCTGCGTGTTCATTGCGTGTGCGCTCAGAGTGGAGAGATTCTGCTGTG  
 CAGTGTTCGCTGCAGAGCCCGAATCCTGGCACGTGGAAGACAGCTGTGTGAAGAGGTTTACCGCAGAGGA  
 CTGGGTGAAACGCCAGATGGATGGCCAGCATGTTTCTCAAGCAAGATAAAGGCCCTTTCAGTCAAGC  
 CGACTGCCACACAGTCCCGTAGCTGCTGCTGACAATCCTGATGCTTTCAGCAGAGTGTGGCCTTC  
 CAGTGATATCTGGAAGGTGATAAGCTCTCCAGAAGCCCTGCGGGAACTGTTCTCAACACAGGAAGC  
 GCATGAGCAGTTGCTCTGGGCACAGTTGGACTCGCTTCTAAAGGAACGCTGGTGTCACTAAGAGATGG  
 GCTTTGGATCTACCCTTGAAGCAAGCACGGAGTCATCTGGATACGCTTCATATTTCCCCAGGACAGTC  
 TCCTGACCCTGCATGGCTTTGCTCTGGGAGGTGAAGACCTGGAGGATGACAGCACTCTTCTGAGGAACT  
 AGGCGCTGAGTTAAAGGGCTATTATAAACAAACCCGCCGTAACACTAAAGCAGACGTTGGCAAACCATGGT  
 AGTTACACTGAGAAAATAGGTATCGCGATAAAGATAACATACTTGGGTGATAATAAGGCAGTGTCCCTTT  
 ATGATTCAAGCTCGAAAATACACTATCCACAAAATATTATCTGACAACCGAGACAGCAAAGAACTTAGA  
 AAAAGCTCTTGTGAAATCTTAGGGAGTCGTGAGTCTTTCTACAGTTTACCTAGGCAAACTGTAGTGAT  
 CATTTTATCTTTGCGTTTTTTCTTTCTTTTCTTTTACTTGTTTTTCTTTTTGGAGCTGGGACTGA  
 ACCCAGAGCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_053687
- Insert Size:** 1764 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\\_053687.1](#), [NP\\_446139.1](#)

**RefSeq Size:** 4860 bp

**RefSeq ORF:** 1764 bp

**Locus ID:** 114247

**Cytogenetics:** 10q26

**Gene Summary:** regulates cell growth; involved in T cell development [RGD, Feb 2006]