

Product datasheet for **RN207257**

Sun1 (NM_001007147) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sun1 (NM_001007147) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sun1
Synonyms:	Unc84a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207257 representing NM_001007147
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTTTTCTCGGCTGCACACATACACCCACCCAGTGTGTGCCAGAGAACACTGGCTATACCTACG
 CACTCAGTTCTAGTTATTCTTCGGATGCTCTGGATTTTGAGACTGAACACAGATTGGAACCTGTCTTTGA
 CTCTCCAAGGATGTCCCGCGTAGCTTGCGCCTGATCACAAACAGCTGCATACAGCAGTGGGGACGGC
 CAGACTGTTGACTCACATCAGCACCAGCAGGGCCACCCCGCCAAGGGGAGAGAAACCAGGACAGTCA
 AACAGAGAAGTGAAGCAAGCCAGCTTTTAGTATCAACCACCTGTGAGGAAGGGCTTGTCTCAAGCAC
 AAGCCATGACAGCTCTTGACGCTGCGGAGTGCCACGGTCTGCGGCATCCTGTGCTAGACGAGTCTCTG
 ATTCGTGAGCAGACAAAGTGGACCACTTCTGGGGTCTCGATGATGATGGCGACCTTAAAGTGAAATA
 AAGCTGCCACTCAGGGAAATGGTGAAGTGGCAGCAGAGGTGGCGAGCAGCAACGGATACACTGCCGCGA
 CTGCAGGATGCTCTCGGCTCGGACAGACGCTCTCACAGCCACTCTGCCGTCCACGGGCCACCTCAAGG
 GTTACTCCAGAGATAGGACTCTCAGACCCCGAAGGCAGCCTCTGGAACCTTCTGGTGGCTAGGGAGTG
 GCTGGTACCAATTTGTTACTTTGATTTCTGGTGAATGTGTTTCTTACCAGGTGCCTTCGAAATAT
 TTGCAAGGTTTTGTCTTGCTGCCACTCTACTTTTATTAGGTGCTGGTTTCTCTTGTGGGCCAG
 GGCAACTTCTTCTCACTCCTACCAATGTTGAATTGGACGGCCATGCAGCCAGCGCAGAGGGTGGACAATC
 CCAAGGACATGCACAGACCCGGCCCTTTTCCCGAGTCCACCTCTCAAGGTTGATCCCATGGCTTCCCA
 GTGGCCTCAGGAGAGTGATATGGGGCAGAAGATAGCCTTTTGTGACAGTGCACAGTCCACAACCATGATGAG
 AGACTCGCAGAGCTGACAGTCTGCTTCCAGAACTCCAGATACGGGTAGACCAAGTGGATGACGGCAGGG
 AAGGGCTGCTCACTGTGGTCAAGGATATGGTTGGACAGCACCTGCAGGAGATTGGTCCATAGAACCACC
 TGATGCTAAGACTGACTTCTGACTTTACACCATGACCATGAAGTGCCTCTCCAGTTTGAAGATGTT
 CTTAGAAAAGTACTGAAAAATCTGAGGCTATCCAGAAGGAGCTGGAGGAAACCAAGCTGAGAGCAGGCA
 GCAGGGATGAAGAGCAGCCCTCCTTGACCGTGTGCAGCACCTAGAAGTGGAGTGAACCTGCTGAAGTC
 ACAGCTGTGCGACTGGCAGCATCTGAGGAGCAGCTGTGAGCAGGCTGATGCCCGCATCCAGGAGACTGTG
 CAGCTCATGTTCTCTGAGGACCAGCCGGGCGGCTCCCTCGAGTGGCTGTTACAGAAGCTTTCTTCTCGGT
 TCGTGAGCAAGGATGAGCTGCAGGTGCTTTTGCATGACCTTGAGCTGAACTACTGCAGAATATCACACA
 CCACATCACCGTACAGGCCAGGCTCCGACATCCGAGGCCATTGTGTCTGCCATGAGTCAGGCAGGGATT
 TCAGGAATCACAGAAGCGCAAGCACATATCATTGTGAACAATGCTCTGAGGCTGTACTCCAAGACAAGA
 CTGGGATGGTGGACTTTGCTCTGGAGTCTGGAGGTGGCAGCATCCTAAGCACTCGGTGCTCTGAGACCTA
 TGAGACCAAGACGGCACTGCTGAGCCTGTTCCGGGTCCTACTGTGGTACTTCTCACAGTCACCTCGAGTG
 GTAATCCAGCCCAGCATCTACCCGGGAATTGCTGGGCATTTAAGGGTCCCAGGGGTACCTGGTAGTTC
 GCTTGTCCATGAAGATCTACCAACCAGTTCACCATGGAGCACATTCAAAGACGCTGTACCCGACTGG
 TAACATCTCCAGTGCCCCAGAGACTTTGCAGTCTATGGACTGGAACCGAGTATCAGGAAGAGGGGCAG
 CCTCTGGGACGGTTCACCTATGACCAGGAAGGGGACTCACTCCAGATGTTCCACACACTGGAAAGACCTG
 ACCAAGGGTCCAGATAGTAGAGCTCCGGGTTCTGTCCAAGTGGGGCCACCCTGAGTACACTTGCCTCTA
 CCGGTTCCGAGTCCACGGAGAGCCATCCAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001007147
Insert Size: 2274 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:	<ol style="list-style-type: none">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:	<u>NM_001007147.1</u> , <u>NP_001007148.1</u>
RefSeq Size:	2497 bp
RefSeq ORF:	2274 bp
Locus ID:	360773
Cytogenetics:	12q11