

Product datasheet for **RN207792**

Sun5 (NM_001106530) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sun5 (NM_001106530) Rat Untagged Clone
Tag: Tag Free
Symbol: Sun5
Synonyms: Spag4l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207792 representing NM_001106530
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCCCGGACAAGGAACACCGGGGACTTGTGTCCCATATCTGAAGACACAACCTCACAGTGGCAGGTCTA
GGAGGAGTGCCCAAGAAGCTATATCAACAGAATGGCAGAGGCGACCCAGCAAACATGACTGGCTCAC
CTACCTCGCTGCTTCTGAGGACTCAGGCCAGCAAGTTCTACTTAACACCTGCAGGTTCAAGTTGCTC
TTCCAGAAACTATTGAAAAGATGGGCCTTCTGGTCTCTGTGTTTTGGCTTCTGGATGTTTTCCATGC
ATTTACCATCAAAAATGGAAGTCTGGCAGGACCTACGAGGTAGCATGAACCTGCTCATTGCCAAACTCCA
ACAGATGGAAGCCATGTCTGATGAGCAAAAATGACCCAGAAAATAATGAAGATGATTCAAGGCGATTTTC
ATTGAAAAGCCAGACTTTGCCTTGAAGTCCATAGGGGCCAGCATCGACTTCGAGCACACGTCACCCACGT
ATAACCACGACAAGGCTCGCTCCTACTGGAAGTGGATCCGACTGTGGAACACGCGCAGCCCCGGATCC
CAGTGTTACACCTGGGAAGTCTGGGCCTTGGCCGTTGACCGTGGCCAGGTGACCATCCGTTTGGCCAG
AAAGTCTATCTGTCCAACGTTACTGTCAGCACATTCCTCAAGACCATCTCATTGTCCGGATGCCTGGACA
CTGCACCAAGGACTTTGTCTACTACGGCATGGACACCCGCCCAGGGAGGAAGTTCCTGGGGCATT
CCAGTTTCAGCCAGAAAACATCATCCAGACATTTAGCTCCAGAACCCAGCCACCCAGGGCTTTGCGGCA
GTCAAGGTGAAGATCTCCAGCAACTGGGGAAACCTCGCTTACCTGCCTGTACCGAGTGCCTGTGCATG
GCTGTGCAACCCCTCCAAACGCTCATACTATA**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106530
Insert Size: 945 bp



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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_001106530.1</u> , <u>NP_001100000.1</u>
RefSeq Size:	1070 bp
RefSeq ORF:	945 bp
Locus ID:	296289
Cytogenetics:	3q41