

Product datasheet for **RN205530**

Syne3 (NM_001106762) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syne3 (NM_001106762) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syne3
Synonyms:	RGD1304563
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205530 representing NM_001106762
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACGCAGCAGCCCCAGGAGACTTCGACAGGAGTGTGGAGGATGCCAGGCATGGATGAAGGCAGTAC
 AGGAGCAGCTTCAGGTCAATGACAACACGAAGGGGCCCGAGCAGCCCTGGAGGCCAGGCTGCGAGAGAC
 AGAGAAAATCTGTCTGAGCTGGAGCCTGAGGGATGCATAAAGGTGGAACCTGGTCTCGCGGCAGCTGAGGCC
 CTCTTGCAACTTGCAGGAGGGCCAGAAAACCTGAGATCCTGGCCCGGCTGAGGGATATCAAGTCTCAGT
 GGGAGGAGACGGTACCTACATGACTCACTGCCACAGTCGCATCGAGTGGGTGTGGCTGCACTGGAGCGA
 GTACCTGCTGGCCAGGACGAGTTTTACCGATGGTTCAGAAAGATGGTGGTACGCTGGAGCCCCCGTG
 GAGCTGCAGCTGGGCCTGAAGGAGAAGCAGTGGCAGCTGAGCCACGCCAGGTGCTGCTGCACAATGTGG
 ACAATCAGGCTGTCTCCTGGACAGGCTGCTGGAGGAGGGCGGCTCCCTGTTGAGCAGGATCGGGGACCC
 CAGCGTGGATGAAGAGGCCAGAAAGAGGATGAAGGCAGAGTACGATGCCGTGAAGGCCAGAGCTCAGCAC
 AGGGTGGAGCTCCTGGCCAGGTGGCCAGGACCATGAGCAGTACCGGGAGGACGTGAGCGAGTTCAGC
 TGTGGCTGAAGGCGTTGGTGGAGAAGGTGCACGGCTGCCTGGGGCGGAACTGCAAACCTGGCCACCCAGCC
 TCGCCTCTGTGCTGCAGGACATCGCCAAGGATTTCCCTAGGGGTGAGGAGTCTTTGAACAGATTGGAG
 GAGCAGGCTGTGGGTGTCAATCGGAACCTCTCCTTTGGGTGCAGAGAGGATCTCAGGGGAGCTGGAGG
 AGATGCGGATGGTCTGGAGAAGCTGAGAGTCTCTGAAAGAGGAGGAAGGAAGGCTGCGGGCCCTGCT
 CCAGTCCAAGGGGCTGTGAGCAGCAGATCCAGCAGCTGGAGGTGGAACCTGGGAGAGCTCAAGAAAAGTT
 CTTGAGAGGCTGGCCAGCAAGGCTGGAGGCCACGGTGAAGACGGCCACAGAGGATGAGCTAGTGGCC
 ACTGAGGCTGTTCTCGGGGACTCGGGCTGCAGTGGCTTCAGAGGAACCCCGTGTAGACCGGTTACAAA
 TCAACTAAAGGAACTTGTCACTTCCCGGACCTGCAGTCACTCTCTGATAGCGTGGTGGCTGCCATTGAG
 GAATACCAAAGTATGAAGGGTAAGAATGCCAGGCTCCACAATGCGACCAGGACGGAGCTATGGCAGCGTT
 CCCAGCGTCCCTCAATGACCTGCAGCTATGGAAGGCGCTGGCCAGAGGCTCCTGGACATCACCACCAG
 CCTGCCGACCTGGCCTCCATTCACTTTTCTACCCAGATTGAGGCAGCCCTAACAGAAAAGCTCCCGC
 CTGAAAGAGCAGCTGTCAATGCTGCAGCTGAAGACAGACCTGCTGGGCAGCATCTTTGGCCAGGAGAGAG
 CAGCCACCCTCCTGGAGCAGGTGACAGGCTCTGTGAGGGACAGAGACCTACTGCATAACAGCCTTCTTCA
 GCGGAAGAGCAAACCTCAGAGCCTGCTTGTTCAGCACAAGGACTTTGGGTAGCTTTTGATCCTCTGCAC
 AGGAAGCTCCTAGACCTCAAGCCAGGATCCAAGCAGAGAAAGGGCTTCAGCGGACCTTCTGAAAGC
 AGGTCCAGCTCCTAAGTTGCAGGGGCTGCAGGAGGAGGGGCTGGATCTGGGGACACAGATCGAGGCTGT
 GAGATCTCTTGCCAGGGGAACTCTAAGTACCAGCACAAGGTAGACCAGATCTCCTCTGACCAGCAAGCC
 CTGCAGAGGTCCTGGAGGACCTTGTGGACAGGTGCCAGCAGAATGTACGGGAACACTGTACCTTCACTC
 ACAGGCTGTTGGAGCTCCAGCTGTGGATCACCATGGCCACACAGACGTTGGAGTACACCAAGGGGATAT
 GCGTCTGTGGGATGCAGAGTCCCAAGAGGCTGGACTCGAGAGGCTGCTGTCTGAAATCCCAGAGAAAAGAG
 GTCCAGCTCTCCCTGCTCCAAGCACTGGGCCAGCTTGTGATGAAGAAGTCTTCTCCAGAAGGGGACGCCG
 TGGTCCAGGAGGAGCTGAGGAAGCTGATGGAGTCTTGGCAGGCCCTGCGACTGCTAGAGGAGAGCATGCT
 GAGTCTCATGAGGAACGAGCAGCTGCAGAGGACGGAGGTGGACACGGGGAAGAAGCAGGTTTTCCCAAC
 AACATCCCAAAGGCTGGCTTTCTCATCAACCCTCAGGATCCCATTCCCAGGAGACGGCATGGGGTGAACC
 CACCAGAAGAACACGACCTCCTTGAAGATCATCCCAGCTCCTGAGGGAATTTGAACAGTGGCTACAGGC
 AGAAAACCTCAAGCTACTTAGAATCACCACAATGAGAACAGCCACAGCCAAGGACTTGGAGACCAGAGAG
 CTTAAGCTGCAGGAGCTGGAGGCTCGGATCCCAGAAGGACAGATCCTCTTTGAGAACCTGCTTCTGCACA
 GACCAGCAAGGGACCCCTCCAATGAGCTGGAAGATCTGCGATACCGGTGGATGCTCTACAAGTCCAAGCT
 CAAGGGCTCCGGCAGCTGCTGACGGAGAGTCTCCAGGGGAGCTGACTGCATTCCAGAAGAGTCGGCAG
 CAGAAGCGGTGGCGGAGTCCCTGCTCTCTCTACAGAAAGCATGCCGCTGGCACTGCCGTTGCAGCTTC
 TGCTCCTGCTCTTCTGCTGCTGCTGTTCTGTTGCCAGCGGGCAGGAGGAGCGCAGCTGCCCTGCG
 CAACAACCTCGCTCGCTCTTTGCGCTCATGCTGCGGTACAACGGCCCTCCGCCACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106762
Insert Size:	2931 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_001106762.1, NP_001100232.1</u>
RefSeq Size:	5071 bp
RefSeq ORF:	2931 bp
Locus ID:	299356
Cytogenetics:	6q32