

Product datasheet for **RN201354**

Akna (NM_001108668) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akna (NM_001108668) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Akna
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201354 representing NM_001108668 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGCTCAGGGACAAAGGCACAATGGGCAGGGTCAAACCTGGGGCAAGGACCCGAAGGGCGCGCT
GGGCTTGGGCGAGGAACAAGATGCAGACGGAAGAGGTGACCAGGGCTGGAGAAACAACAGTCTCTTCC
TGAAGCCATCACTCTGAGCTCCTAGAGGACTTTCGCCAGGCACAGGAGCACTGCCACCCCTGGAGTGG
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AGGGTTCCCCCGTGCCTCTGCCCTGGCTCTCCAGGCACAGTCAACGGCTGGGCCTGTCTGATGAGGAGCT
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GAGCAATGCGACCATGGGCTCGGTCAACCTAGTACAGCCTTGGTTCTACCTGGGAAGGAGACTGAT
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CAAAGCTGGAAGAGAAGTAAAGGCATCACCTAAGCCACTGCCCTCCCGGTTTACTGGCTCTGTTAGCCCC
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CACGAACAGACCTGAGTCCCTCCTGTCACCCAGCATGGCCACTCCAGGGCGGCCCTATCAGAGCCAGGG
CATTGCTGTAGACCAGCCCTCCACAGGACAGATCCAGGCACTGACCTCTCAGGCCAGCCGGCTCTGGCC



AAGGTGGAATCCTTCGAGGAACTGGTACTGGCCGGACACCTCCCACCCAGGACCAATCAAGAGCTTGG
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 CCCTCAGCTTGATGCCTCCAGGGGAGTCCCAGGACTCTCAACCTCTGCAGGGAGCTAGAAGCAGAGATA
 TACCAGCTGGGACAGCGCCTGGAAGAGCTGCAGGACCATATAGACCAGACCCGAGCAGAGCCAGAGCCAT
 GCGGGACAGACCTGCAGGACAGCACCCCAACCATACCTTCCAGCCCCAGCCAGCTCACCTACCCATGCC
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 CCCCTGGTGACGGGACCTCCCATCCCAAGGTTAAGGGACCCGTTGGTTCAGAAAGAGCCACTGAGGCTGG
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 CACCTAGAGGAGACACCAGTGGCTAAGTAGCCGTTCCAGGTCTGAGTTCAAGAGACAGAAGCAGATTT
 CCAAACAGCACCTTCCAGTGGAAACAACCCAGCCCCGACTCTGCCCCAGCTCCCACAGTGCCTCCATGCC
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 CAGCTTGTGTGGCTCTGCTTTCAACTGCTCCACCCAGACCCAGAAAAAGCTGGTGGATTCTCACCCCTC
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 CCAGTGGGGGACGAGACCACTGGGCAGCACGAAGCGGAGGAAAGAGTCTCCTTCTGGGGTCAATACACA
 GGCCAGGAGTACCACATTCTGTCCCAAAGACCAACCTGAAGGACAGTGGCACAGCCTCCTGTCCCCACT
 GCCAGCCATTAGGACCCAGGACACAGGCAATGCTGTCTCTAGAGAGCCACTGGGATCATCTGTCTGTA
 CACCCTCCGCTGTCTCTGTGTGGTGGAGTCAAGCCCTCTGCAGAAGCAGATGGCCCCAGCCAGCCCC
 TCAGAGAAAAACACCCCCAAAAACCTGCACCTTCCACCCAGCCTCAAGCGGAAGAAGAGGCAGACGG
 ACTCGCCAGTGCGAATGCTCCCTGGACTCTGGTACCTGGCTGCTGCACCCAGCCAGCCACCCAGC
 CTTGGCCTACATCTCGGCTCCCATTATGCCTTATCCACCACCCACTGTGTACTATGCAACCCAGCACCT
 ACCTCAGTCCACACAGCTTCCCCACAGCCTGCTCAGGGACCTCGGAGAACCAGCCGACTCTGTGCAGCTGG
 GTCTGAATGACCTGGAGGAGCTGCAGGCTGCCCTCAGGGAGGCTGCACGGGCTGCTGAGAACGTCGGCTC
 CACCACCCGAGCTGAGCCACTCCCTGTCTGCAGACCTGCGCCATGCCCGTAGCCTGAGAGGCTCCTGC
 CTCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108668

Insert Size:

4209 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_001108668.1, NP_001102138.1</u>
RefSeq Size:	5353 bp
RefSeq ORF:	4209 bp
Locus ID:	362530
Cytogenetics:	5q24