

Product datasheet for **RN209260**

Ganab (NM_001106334) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ganab (NM_001106334) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ganab |
| Synonyms: | G2an |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN209260 representing NM_001106334
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGTGGACTTATGGCTTTTGAGCATCAGAGGGCTCCAGGGTCCCTTTCTCGGATAAAGTTAGTCT
 CACGCTCGGTAGCATGTGGGATAAGATCAAGAACCTTTTCTCTAGGCAAGAACCAAAAGATGCAGCTGAA
 GGCAACGGAGCCGAGCCTGAAGCAAGGCCCTGGGGATGGTGACAAGGCAACCAGAGGAGACCCAGGAAAAG
 GCTGAGAAAAGATGAGCCAGGAGCCTGGGAGGAGACATTCAAACACACTCTGACAGCAAGCCTTACGGCC
 CCACGTCGGTAGGTTTGGACTTTTCTCTGCCAGGAATGGAACATGTGTATGGGATCCCTGAGCATGCAGA
 CAGCCTGAGACTGAAGGTCAGTGGGTGGTGGCCGTACCGTCTGTACAACCTGGATGTGTTCCAGTAT
 GAGCTGAACAACCCCATGGCTTTGTATGGGTCTGTGCCTGTGCTCTTGGCACACAGCTTTCATCGGGACT
 TGGGTATCTTCTGGCTTAATGCTGCTGAGACATGGGTTGATATATCGTCCAACACAGCTGGGAAGACCT
 GTTTGGGAAGATGCTGGATTACCTGCAGGGGTCTGGGGAGACTCCACAGACAGACATTTCGTTGGATGTC
 GAGAGCGGCATTGTTGATGTTTTCTCATGCTCGGCCCTTCAGTCCTTGATGCTTCCGGCAGCATGCTA
 GCCTTACAGGGACCCAGGCACTACCCCACTCTTCTCCCTGGGCTACCACCAGAGTCGCTGGAACCTACCG
 GGATGAGGCTGATGTTTTGGAAGTGGATCAGGGTTTTGATGATCAACAATGCCTTGTGATGTGATATGG
 TTGGACATTGAACATGCTGATGGCAAGCGGTACTTCACTTGGGACCCACCCGATTTCTCAGCCCTCA
 ATATGCTTGAGCACTTGGCTTCTAAAAGCGGAAGCTGGTGGCCATCGTGGATCCCCACATCAAGGTAGA
 CTCTGGTTACCGAGTTCATGAAGAATTGCGAAACCATGGGCTGTATGTTAAAACCTCGGGATGGCTCTGAT
 TACGAGGGCTGGTGTGCCAGGTTTCGGCTAGTTACCTGACTTCACTAACCCACAGATGAGGGCCTGGT
 GGGCTAACATGTTCAACTTTCACAACATGAGGGTTCAGCTCTAATCTTTTTGTGGAATGACATGAA
 TGAACCGTCTGTGTTCAATGGTCTGAAGTCACCATGCTGAAGGATGCTGTGCATTATGGCGGCTGGGAG
 CACCGGGACATCCATAACATCTATGGCTTATATGTGCACATGGCAACTGCTGACGGGCTAATACAGCGCT
 CTGGTGGCATAGAGCGGCCCTTTGCTCTGAGTAGGGCTTCTTCTCAGGCTCCCAGCGCTTTGGAGCTGT
 GTGGACAGGGGACAACACTGCAGAGTGGGATCATTTGAAGATCTCTATCCCTATGTGTCTCAGCCTGGCA
 CTGGTGGGCTTTCTTCTGTGGCGGGATGTGGGTGGCTTCTTCAAGAACCAGAGCCAGAACTGCTTG
 TGCGCTGGTACCAAATGGGTGCCTACCAGCATTCTTTCCGGCTCATGCTCACTTGGACACTGGGCGCG
 AGAGCCGTGGCTGTTAGCGTCTCAATACCAAGATGCAATCCGAGATGCCTTGTCCAGCGATACTTTTG
 CTGCCCTTCTGGTATACCCTCTTCTATCAAGCTCACAGGAAGGGTTTCTGTCATGAGGCCCTCTGGG
 TACAGTATCCTGAGGATATGTCTACCTCAGTATGGAGGATCAGTTCATGCTTGGGGACGCACTCCTTAT
 TCACCCTGTGTCGGATGCTGGGGCCATGGAGTGCAGGTCTATTTGCCTGGCGAAGAAGAGGTGTGGTAT
 GACATTCAAAGCTATCAGAAGCATCATGGTCCCGAGACCTTGTATCTGCCAGTGACCCTGAGCAGTATAC
 CTGTGTTCCAGCGTGGCGGGACAATTGTCCCTCGATGGATGCGCGTGAGGCGTTCCTCAGACTGTATGAA
 GGAAGATCCTATCACTCTCTTTGTTGCTCTCAGTGCCAGGGCACGGCCCAAGGAGAGCTTTTCTCGAT
 GATGGACACACTTTTAACTATCAGAATCGCCATGAGTTCCTGTTGCGTCGATTCTTTTCTCTGGCAACA
 CACTTGTCTCTAGTTCAGCAGACCCCAAAGGCCACCTTGAGACACCTGTCTGGATTGAGCGAGTGGTCA
 AATGGGGGCTGGAAAGCCAGCAGCCGTGGTGTCCAGACCAAAGGCTCTCCTGAAAGTCGCTGTCTTTC
 CAGCATGACCCTGAGACCTCTGTGCTGACATTGCGTAAACCTGGGCTCAATGTGGCATCTGACTGGAGTA
 TTCATCTTCGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001106334
Insert Size: 2394 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_001106334.1</u> , <u>NP_001099804.1</u> |
| RefSeq Size: | 3870 bp |
| RefSeq ORF: | 2394 bp |
| Locus ID: | 293721 |
| Cytogenetics: | 1q43 |