

Product datasheet for **RN206107**

Abi2 (NM_173143) Rat Untagged Clone

Product data:

| | |
|---------------------------|-------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Abi2 (NM_173143) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Abi2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >RN206107 representing NM_173143
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTACAGATGGCTGGATATTCAGGCATCGCAGTTACGGAGAATGGAATCTTCAATCAACCATATTT
 CACAAACAGTTGATATTCATAAAGAGAAAAGTGGCAAGAAGAGAAAATTGGTATTTTACTACCAATAAAAA
 CACTTCAAGGACCATAAGATTATTCACCAGCCAGCCTTGAGCGGCCAGTCCGTTATATTCGAAAACCT
 ATTGACTACACAATTTAGATGACATTGGACATGGCGTAAAGGTGAGTACCCAGAATATGAAGATGGGTG
 GACTGCCACGTACAACACCTCCAACCTCAGAAGCCCCAAGTCCCCCTATGTCAGGGAAGGGGACACTTGG
 GCGGCACTCCCCCTATCGAACACTGGAGCCAGTGCCTCCAGTGGTACCAAATGATTACGTACCTAGC
 CCAACCCGTAATATGGCTCCCTCGCAGCAGAGCCCTGTGAGGACAGCTTCTGTGAATCAAAGAAATCGAA
 CTTACAGCAGTGGGAGCAGTGGAGGAAGCCACCAAGTAGTCGGAGCAGCAGTCCGGAGAACAGCGGAAG
 TGGTAGTGTGGGGTTCCCATCGCTGTTCTACTCCGTCCTCCTAGCGTCTTTCCAGGTCATCCTGTT
 CAGTTCTACAGCATGAATAGGCCTGCCTCTCGCCATACGCCACCCACAATAGGGGGCTCATTGCCCTATA
 GACGCCCTCCTTCCATAACTTCAAAAACAGCCTTCAGAATCAGATGAATGGAGGTCTTTTTTATAACCA
 GAATCCAGTTTTCAGATACACCACCTCCACCACCTCCTGTGGATGAGCCAGTGTTCGATGAGTCCCCACCT
 CCACCACCTCCTCCAGAGGACTCAGAAGAGGAGGAAGCAGCTGTGGTTGAGTACAGCGATCCTTACGCCG
 AAGAGGACCCACCATGGGCACCAAGGTCTTACTTGGAAAAGTTCGTGGCAATCTATGATTATACGAAAGA
 CAAGGAGGATGAGCTGTCTTTCAGGAAGGAGCCATTATCTATGTCATCAAGAAGACGATGATGGTTGG
 TATGAGGGAGTTATGAATGGAGTACTGGGCTCTTCCCTGGGAATTACGTTGAGTCCCATCATGCATTAT
 TCGGAGTAAAGCCAGCACAGCCGTCTTCTTGTTCATGGCTCAGGTATCCCAGATTAGTAGAGGCCCC
 TGGGAATTCCTCCAGGAAATATGATGAAGCATACAAATGATAAAGTTACTCTTTTTTACTGTTTTG
 GTTTATCCCTAGTATCAAAACCTGAAAGCCAAGTCTCGAACAAGTGAAGTCTTGGGTCACTTTGCAT
 TATGCCTATCTAGATTGAAAAATGCCATTTCTCAGTCACGGAAGGCACTACCAACATCGAACATATAGC
 TAAAATATATAGGACCAAGACTAACTTGAGAAAAAAATCTGGGATCTTCTCAGGAATACTGTACACCCTT
 GGATTTCTCTGCTGCAGAACTGAGACATTGGATGCTCATTGCCTCTGCTTTGGGGCTAACCTCATGG
 CCTGGTGGACACCCTGCCCTTACTTTTCAGTATATGGAGAGTTGGTCCAGTGTAAATACTTTATT
 TAACTACTTTGGATTGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_173143
- Insert Size:** 1632 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:

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: [NM_173143.1](#), [NP_775166.1](#)

RefSeq Size: 3628 bp

RefSeq ORF: 1632 bp

Locus ID: 286928

Cytogenetics: 9q32

Gene Summary: thyroid hormone-responsive protein that is a substrate for the tyrosine kinase activity of cAb1 [RGD, Feb 2006]