

Product datasheet for **RN203883**

Abt1 (NM_001025674) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abt1 (NM_001025674) Rat Untagged Clone
Tag: Tag Free
Symbol: Abt1
Synonyms: MGC116249
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203883 representing NM_001025674
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGTGAAAGTAGGAAAGCTGGTGGAGGAGCAAAGGCCGGCGATGGAGGAAGAGAAGAGGTGAATGCAG
AGGCCGGCGGAGGAGCTGGAGGAGGCCGAGGAAGCGTCTGCAACGGCAGCAAGAAGAAGGTAGTTCGGG
TATTGTGTAAGTGGGCCACGTCCCGCCGCGATTCCGGCCCTGCACGTTTCGCAACCTGCTCAGCGTCTAC
GGTGAGGTGGGACGCGTTTTCTCCAGGCCGAGACCCCTTTGTGAGACGAAAAAGAAGGCAGCCGCGG
CTGCAGGAGGAAAGAAGGGAGCTAAATACAGCAAGGACTATACCGAAGGCTGGGTGGAGTTCGAGACAA
ACGCATAGCCAAGCGAGTGGCAGCTAGTCTACATAACACACCCATGGGTGCCCGCAAGCGCAGTCCCTTC
CGTTATGACCTGTGGAACCTCAAGTATTTGCATCGTTTTACTTGGTCCCACCTCAGTGAACACCTTGCT
TTGAGCGCCAGGTACGAAGGCAACGCCTGAGAGCAGAGGTTGCCAAGCGAAACGAGAGACTGACTTCTA
TCTTCGAAACGTAGAACAGGGACAACGCTTTCTGACGCTGATGGGGATGCTACTCGACCAAATAGCTCC
TGGACATTTACTCAACGTCCCACTGAGCAGGAGCTGAGGGCCAGAAAGGAGCACGGCCAGGAGGGCGGG
AACGAGCTCGGCTGGCCACAGTCCAGGACCAGGCCGATCCAACAGAGGGCTACTTGCCAGGATCTTTGG
GCCTCTCTACTTGCAGAGAGCAGGAAAGAACCGTAG

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001025674
Insert Size: 807 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_001025674.1</u> , <u>NP_001020845.1</u> |
| RefSeq Size: | 1319 bp |
| RefSeq ORF: | 807 bp |
| Locus ID: | 306960 |
| UniProt ID: | <u>Q4KLM5</u> |
| Cytogenetics: | 17p11 |
| Gene Summary: | May be a novel TATA-binding protein (TBP) which can function as a basal transcription activator. Can act as a regulator of basal transcription for class II genes (By similarity). [UniProtKB/Swiss-Prot Function] |