

Product datasheet for **SC126249**

Activator of basal transcription 1 (ABT1) (NM_013375) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Activator of basal transcription 1 (ABT1) (NM_013375) Human Untagged Clone
Tag:	Tag Free
Symbol:	Activator of basal transcription 1
Synonyms:	Esf2; hABT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_013375 edited

```
ACGGGCGTCGTGCCGCTCGTGTCAGTCAACATGGAGGCAGAGGAATCGGAGAAGGCCGCA
ACGGAGCAAGAGCCGCTGGAAGGGACAGAACAGACACTAGATGCGGAGGAGGAGCAGGAG
GAATCCGAAGAAGCGGCCCTGTGGCAGCAAGAAACGGGTAGTGCCAGGTATTGTGTACCTG
GGCCATATCCCGCCGCGCTTCCGGCCCCCTGCACGTCCGCAACCTTCTCAGCGCCTATGGC
GAGGTGCGACGCGTCTTCTTTCAGGCTGAGGACCGGTTCTGAGACGCAAGAAGAAGGCA
GCAGCAGCTGCCGGAGGAAAAAGCGGTCCTACACCAAGGACTACACCGAGGGATGGGTG
GAGTTCGCTGACAAGCGCATAGCCAAGCGCTGGCGGCCAGTCTACACAACACGCCTATG
GGTGCCCGCAGGCGCAGCCCCCTCCGTTATGATCTTTGGAACCTCAAGTACTTGACCGT
TTCACCTGGTCCACCTCAGCGAGCACCTCGCCTTTGAGCGCCAGGTGCGCAGGCAGCGC
TTGAGAGCGGAGGTTGCTCAAGCCAAGCGTGAGACCGACTTCTATCTTCAAAGTGTGAA
CGGGGACAACGCTTTCTTGCGGCCGATGGGGACCCTGCTCGCCAGATGGCTCCTGGACA
TTTGCCCAAGCGTCTACTGAGCAGGAAGTGAAGGCCCGTAAAGCAGCACGCCAGGGGA
CGTGAACGGGCTCGCCTGGCAACTGCCCAGGACAAGGCCCGCTCCAACAAAGGACTCCTG
GCCAGGATCTTTGGAGCCCCGCCACCCTCAGAGAGCATGGAGGGACCTTCCCTTGTGAGG
GACTCCTGAGGGCCTGGGTGGCCCTTCCATTTCTGCGCCTGCTGCTTCTGCTCTAC
CTCATACTAGAATGATCGTGACTACCCGGGCAGACATTTTACTGTGTTTCTCAGACCAAG
TGTCTACTGATGGCCCAACATGGAGTTTGTGGGCTTCCACTGTCCCACTCCGAACTC
CTGTATGTGCTGGCTGAGTCACCTAATTCATACTGTCATACTAGCATAATTATGACTAT
TGCAATGCTTGTGTTTGTGTTGACTCTTGCTGCTACGCTGTAGGGTCCCTGAAAATC
CCAATTCTGCCCCAGAAAGGGCCTTTATTTCCAAGTAGGAGGATAATGCCTAGTCCAG
GCAATCTTTCTGTTTAGCAGTCACAGGTGAGGGTGGTATTAGCATCTTTTTATGTAG
AAAAAATTGAGTTAATGGGTGGACTGGGTGGGAAGAAATACATTTCTAATGTATTTA
TAGAAAATAAAATATTTTTATGTGCCTAAAAAAAAAAAAAAAAA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_013375 unedited NGGGTCCTGATTTTGTATACGACTTACTATAGGCGGACCGCGATTTCAGATCTGGTACCGG TCCGGAATTCCCGGGATATCGTCGACCCACGCGTCCGCGGACGCGTGGGTCGACCCACGC GTCCGGTGCCGCTCGTGTCTAGTCAACATGGAGGCAGAGGAATCGGAGAAGGCCGCAACGG AGCAAGAGCCGCTGGAAGGGACAGAACAGACACTAGATGCGGAGGAGGAGCAGGAGGAAT CCGAAGAAGCGGCCTGTGGCAGCAAGAAGCGGGTAGTGCCAGGTATTGTGTACCTGGGCC ATATCCCGCCGCGCTTCCGGCCCTGCACGTCCGCAACCTTCTCAGCGCCTATGGCGAGG TCGGACGCGTCTTCTTTAGGCTGAGGACCGGTTCTGTGAGACGCAAGAAGAAGGCAGCAG CAGCTGCCGAGGAAAAAGCGGTCCTACACCAAGGACTACACCGAGGGATGGGTGGAGT TCCGTGACAAGCGCATAGCCAAGCGCGTGGCGGCCAGTCTACACAACACGCCTATGGGTG CCCGCAGGCGCAGCCCTTCCGTTATGATCTTTGGAACCTCAAGTACTTGACCGTTTCA CCTGGTCCACCTCAGCGAGCACCTCGCCTTTGAGCGCCAGGTGCGCAGGCAGCGCTTGA GAGCGGAGTTGCTCAAGCCAAGCGTGAGACCGACTTCTATCTTCAAAGTGTTGAACGGG GACAACGCTTTCTTGCGCCGATGGGGACCCTGCTCGCCAGATGGCTCCTGGACATTTG CCCAGCGTCTACTGAGCAGGAAGTGNAGGCCCTAAAGCAGCACGGCCAGGGGACGT GAACGGGCTCGCCTGGCAACTGCCCCAGACAGGNNCCGCTNNACANAGGGCTCCTGGCC AGNATCTTTA
Restriction Sites:	NotI-NotI
ACCN:	NM_013375
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:	<u>NM_013375.2</u> , <u>NP_037507.1</u>
RefSeq Size:	2255 bp
RefSeq ORF:	819 bp
Locus ID:	29777
UniProt ID:	<u>Q9ULW3</u>
Cytogenetics:	6p22.2
Protein Families:	Transcription Factors

Gene Summary:

Basal transcription of genes by RNA polymerase II requires the interaction of TATA-binding protein (TBP) with the core region of class II promoters. Studies in mouse suggest that the protein encoded by this gene likely activates basal transcription from class II promoters by interaction with TBP and the class II promoter DNA. [provided by RefSeq, Jul 2008]