

## Product datasheet for **SC201419**

### **GABPB2 (GABPB1) (NM\_002041) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GABPB2 (GABPB1) (NM\_002041) Human 3' UTR Clone  
**Symbol:** GABPB2  
**Synonyms:** BABPB2; E4TF1; E4TF1-47; E4TF1-53; E4TF1B; GABPB; GABPB-1; GABPB2; NRF2B1; NRF2B2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_002041  
**Insert Size:** 166 bp

**Insert Sequence:** >SC201419 3'UTR clone of NM\_002041  
The sequence shown below is from the reference sequence of NM\_002041. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGTGTGCTTTGCCGAGTCATCCAAAATAAATTCAATTTTTTTGTCTTTTATTTATTACTGACAGT
ATTGTTTTGATACAGAATGAAAGTGCAGTAGATTTTCATTTTGTATTATTTTGCCTTATACATATAGCA
AGCCCTCAATAAATAAATATTGAATGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).  
**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.  
**RefSeq:** [NM\\_002041.5](#)



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**Summary:** This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 2553

**MW:** 6.3