

Product datasheet for **RR215294**

Abtb2 (NM_134403) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Abtb2 (NM_134403) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Abtb2
 Synonyms: Cca3
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR215294 representing NM_134403
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGGACGTACAGCTCCACATTGAAGACTCTGGAGGACTTGACCTGGACTCCGGGTATGGGGCCG
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GGTGAACACAATGGATGACCAGGGTCTGACACCCTAATGTACGCCTGTGCTACTGGGGATGAAGCCAT
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGTTTAA

Protein Sequence:

>RR215294 representing NM_134403
 Red=Cloning site Green=Tags(s)

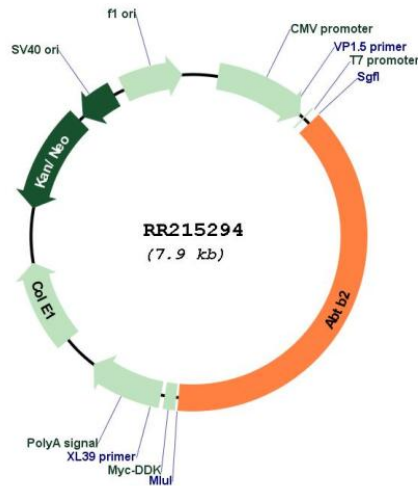
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 FRWMVDTRISVRIHEYAAISLTACMENLVEEIRARVLASQSPDGGGAGGGEVSAEAELEMVINNDAELWGV
 LQPYEHLICGKNANGVLSLPAYFSPYNGGSLGHERADAYAQLELRTLEQSLLATCVGSISELSDLVSRA
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 LLEQDAFRQLIYGRSSKVQGLDPLQLDQSTLAERVHVSYYVTSRV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:

ACCN:

NM_134403

ORF Size:

3072 bp

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_134403.2 , NP_599230.2
RefSeq Size:	4521 bp
RefSeq ORF:	3075 bp
Locus ID:	171440
UniProt ID:	O08764
Cytogenetics:	3q32
MW:	113.5 kDa
Gene Summary:	displays a transient increase in mRNA expression prior to DNA synthesis in regenerating liver cells [RGD, Feb 2006]