



ABIN1

Plasmid:
pMK-RQ ABIN1 GFP Donor

Parent Plasmid:
pMK-RQ

DU Number:
DU48524

Genbank:
NM_001252385.1

Species:
Human

Synonyms:
TNIP1, ABIN-1, NAF1, VAN, nip40-1

Sequence of Insert:

```
TGACAGTGTATTAATATTAGTCAGGGTGTTTTTTCTTTCTTTTTTAAAGAAGATGATACACAT
ATAAATGGAAC TTTGGACTGGGTTGACTTGCTTATCCCTTAGGGTACAAGCATTTCAC TTTAAAG
ATTACTAAATTA ACTTAAGACTTTTCATTTCCCTCCCTCAGAGAGGGGAAGGGACTGCCATAATC
CCATAGTAAATTAATGCCTAGACCATTAATTGAGTAAGTGTTTATTGGGCAA AATTCATAGCTAAT
ACTGTGGTAGGCTCTGAGGATGCAATGATGGGTAAAACATATGGGATTCTGTTCTTCTGGACCT
CACAGACAGGACATGAACTCAGATTTTTTTTTTCCAAGTCCAGGTTCTTTCTTGTATCCACATT
GCACCCTACTGTTTATTTGGACTCCTGTTCCAAACAAGCCAACAGTGCATTGAGGCTGCTAAGAG
AAACTAATGCCATTCTAAGGTTGTATTAATAGAGGCAGAGCGTCCAGATAAAAGGAGGTGACTG
TCCTGCTTTACTATAATATGGTCAGACCAGCTTAAAGTGGGGGACTGCCTTCTGGGGCATTGACA
GACTAGAGCTTCTCTGCAAAGGATGCCCCCATGGCCTGGCCAGCCTGCTGATATGCTGCTGTTG
TCCTTACAGCCAGGCGGGCACCCAGGCAGGGGCTGAGCTACCCTCatggtgagcaagggcgaggagct
gttcaccggggtggtgccatcctggtcgagctggacggcgacgtaaacggccacaagttcagcgtgtccggcgagggcgaggg
cgatgccacctacggcaagctgaccctgaagttcatctgcaccaccggcaagctgcccgtgccctggcccaccctcgtgaccacc
ctgacctacggcgtgcagtgcttcagccgctaccccgaccacatgaagcagcagcagcttctcaagtccgcatgccgaaggcta
cgtccaggagcgcaccatcttctcaaggacgacggcaactacaagaccgcgcccaggtgaagttcgagggcgacaccctggt
gaaccgcatcgagctgaagggcatcgactcaaggaggacggcaacatcctggggcacaagctggagtacaactacaacagcca
caacgtctatatcatggccgacaagcagaagaacggcatcaaggtgaactcaagatccgccacaacatcgaggacggcagcgtg
cagctcggcaccactaccagcagaacacccccatcggcgacggccccgtgctgctgcccgacaaccactacctgagcaccca
gtccgccctgagcaaagaccccaacgagaagcgcgatcacatggtcctgctggagttcgtgaccgccgcccgggatcactctcggc
atggacgagctgtacaagagcggttctGAgGGacGtGGACCGTACaGaATaTAtGAtCCTGGGGGCAGCGTGC
CCTCAGGAGAGGCATCCGCAGCTTTTGAGCGCCTAGTGAAGGAGAATCCCGGCTGAAGGAAA
AAATGCAAGGGATAAAGATGTTAGGTA AAGCAGACCCTGTCCCCTCCCTGCGAGCGCCCCTCCC
TGCAGACTGTGATGCCAGTCCCTCTACTAGCAGTGGAGAATGAAGCTGGCATATGCCTCTGCCC
AAGTCATCCCCTGTCCCTCCTGGCCCAGCGCTGGCTCCTGCCTCACAGCTGTCTCTATGCACCAT
GTAGCATGGTGACAGTATTCCCAACCCTGATTCTCAGCACCCGGAAACCAGGATGACAGGACT
CAGGTCCAAGAGGGAGGCGTGGGCTAAGGGAAAGGGGGCTGGAAGGCCAGTTAATGGCCAT
GGAAGTAAAGTGGTCTCCTCTTTCTGGGGCACGAGAGATGGGGAGAGCCAGCATGACCAGGCA
```

ACTGGGGCACGCGTTCCTAGGTGTTGGAGCAGGGAGCAGAGCTTGGCTTGAAGCAAGGAGGTG
GTAGGTCCCTCAGTTCTTCTCCTGGCTCTTGCTCAAGCCATCCCCACTTTAGAACAACCCAC
CTCCCTCCACACGACCGACGGGCCCTGTGCATCAGCACCCAGTTGCTGTGCCCCCTTCTCCTCC
AGACAAGGCTTTCATTGATTTCCCATCCAGAGGGGGCTCTTTCT

Antibiotic:

Kan

Comments:

Designed to insert an in-frame GFP into the ATG start of the first common coding exon (exon 2 isoform 1). Complete sequence of donor including homology arms shown as sequence of insert, contains several silent mutations to prevent Cas9 targeting the donor sequence. Successful recombination will N-terminally tag Abin1 with GFP.

Price per aliquot:

£110.00