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# Product datasheet for MC223580

## Abi3bp (NM_001014422) Mouse Untagged Clone

## Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | Abi3bp (NM_001014422) Mouse Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | Abi3bp |
| **Synonyms:** | 5033411B22Rik; AI506287; BG172926; D930038M13Rik; eratin; TARSH |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |

**Fully Sequenced ORF:**

```
>MC223580 representing NM_001014422
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCTCCAGCCTGGGGTGTCTACTTCTCTGTGGAAGTATTGCACTTGCTCTGGGAAATGCACAGAAAT
TGCCAAAAGGTAAAAAGCCAAGCTTGAAAGTGCACATCAATACCACCAGCGACTCCATCCTCTTGAAGTT
CCTGCGTCCAAATGCAAACGTAAAGCTGGAAGGTTTTCTCCTGGGATATGGCAGCAATGTGTCTCCAAAC
CAGTACTTCCCTCTTCCCACAGAAGGGAAATTCACAGAGGCTGTAGTTGATGCAGAGCCGAAGTATCTGA
TAGTCGTACGACCTGCTCCTCCTCCCAGCCAGAAGAAGTCATGTTCAGGGAAATCTCGCCCTCGCAAACC
CCTCCAGCTGGTGGTGGGTACGTTGACACCGAGTTCTGTCTTCCTGTCCTGGGGATTCCTCATCAACCCA
CACCATGACTGGACATTGCCAAGCCACTGTCCCAGTGACAGATTTTATACAATTCGATATAGAGAAAAAG
ATAAAGAAAAGAAATGGATTTTTCAACTCTGCCCAGCTACTGAAACAATTGTGGAAAATCTAAAGCCCAA
CACAGTTTATGAATTTGGTGTGAAAGACAATATAGAAGGTGGAATTTGGAGTAAGATTTTCAATCATAAG
ACTATTGTTGGAAGTAAAAACAAAGTAAACGGGAAAATCCAAAGCACTTATGACCAGGTCCACTCAGTGC
CAGTCCCGAGGAAGCTAATCCCACTAACGATCATTAAGCAAGTGATTCAGAATGTTACTCACAGGGCTTC
AACCAAATCCCCAGACAAGACTCCTTTTGGGGGAACAATATTAGTTCATCTGATTATTCCGGGTCTTAAT
GAATCCACTGTAAAACTTCCCACATCCATAATGCTTGAGATTTCCGATGCTCTCAAGGCACAATTAGCTA
AGAATGAAACATTGGCTTTACCAGCAGAATCTAAAACACCAGAGGTCGAAAAATTGGCAGGGCAGCCAGT
AACAGTGACTCCGGAATCAGTTTCAAGAAGCACTAAGCCCACCCTGTCTAGTGCTTTAGACACTGCAGAG
ACAGCACTGGTCCTCAGTGAGAAGACGTCAGAAACAGCCCGCTCTGTTCTAATACCTGAGTTTGAATTGC
CCTTGAGCACTTTAGCTCCAAAAAGGTTCCCAGAGTTTCCTGAGGCAAAAACAGCCTTCCCATTGGAGAA
ACCTAGGGGTTCCTGGGCTTCAAGTGAGGAGCCATGGGTGGTACCTGGAGCTAAAACATCTGAAGATTCC
AGAGTCGTACAGCCTCAAACTGCAACTTATGATGTTATCTCAAGCTCAACAACTTCTGATGAGACTGAAA
TAGAGATTCACACAGCAACAAGAGATCCTATTCTGGACTCTGTCCCACCTAAAACTTCTAGAACTGCTGA
ACAGCCAAGGGCAACACTGGCTCCAATCGAAGCGTTATTTGAATCCCGAAATGTGGAAATCTTCACCAGT
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CCTGAAGTGCGACCTACAACGGCTGCTCCTCAGCAAACTACATCTATCCCTTCCACACCCAAACGACAAT
CAACACCCAAACCGCCAAGAGTCAAGCCTGCACCCAGGCAGACAACCAGCATGCCTCCCAAGCTCAAAAC
ACCACACTCAAGGATGCCAGCAAAAGAGCCAGTTCCTAAGGAACCCCTGCATACGACTTCAAAGCCAAAA
ATGCCACCAAGTCCTGAAGTGGCAGACACTACATCTGTTCCAAAAGATGAACGACTTTCCCTTAAACCAG
ATCCAGAGGTCACTCACAGTGAAACTGCACCTTTAGAGACACGGGGCATTCCTCTCATACCTGTGATTTC
ACCAAGACCTAGTCAAGAGGAACTACAAACCGCCATGGAAGAAACAGACCAGTCTACCCAAGAGCTCTTC
ACGACTAAGATTCCACGAACAACTGAATTGGCAAAGACAACTCAGGCACCACACAGATTGCATACAGCTC
CTGTGAGGCCCAGAATACCTGGCAGGCCACATGGCAGGCCTGCTCTGAACAAAACAACTACAAGGCCTGA
TAAAACCAAACCCAGAGGGACGTCCCATAAAAACGGAGTAGGAACAGGAACCAAGCAAGCACCTAAGCCA
CCAAGTCCTGGGAGAAATGCGTCAGTGGATTCACATGCCACAAGAAAACCAGGCTCAGTCTCAGGGACGC
GTCGTCCACCCATACCACATAGGCATTCGTCCACTAGACCTGTGTCTCCAGAGAGAAGGCCTTTACCCCC
GAATAATGTCACCGGGAAGCCAGGACGTGCGGGAATTGTTTCCTCCAGCCGGGTAACGTCCCCACCCCTG
AAGGCAACACTCCACCCTATCGGAACAGCCACAGCGAGACCAGGGGCAGAACAAAAGGAACCAACTGCTC
CTGCTTCAGAAGAAGAGTTTGGTACTACAACTGACTTCAGTTCAAGTCCCACCAAAGAAACTGATCCCCT
TGGGAAGCCCAGGTTCATAGGTCCCCATGTGCGATATATCCCAAAGCCTGAAAACAAGCCCTGTTCCATC
ACTGACTCAGTCAGACGGTTCCCTACAGAGGAAGCCACGGAGGGGAATGCCACCAGCCCACCACAGAACC
CACCCACCAACCTCACTGTGGTCACTGTCGAAGGCTGCCCCTCATTTGTCATCTTGGACTGGGAAAAACC
TCTAAATGACACTGTCACTGAATATGAAGTCATATCCAGAGAAAATGGGTCATTCAGTGGGAAGAACAAG
TCCATTCAAATTACCAATCAAACGTTCTCTACAGTAGAAAACCTGAAACCAGATACAAGCTATGAATTCC
AGGTGAAACCCAAAAATCCACTTGGTGAGGGCCCCGCCAGCAACACGGTAGCGTTCAGTACTGAATCAGC
TGACCCAAGAGTGAGTGAGCCAATTTCTGCAGGAAGAGATGCCATCTGGACTGAAAGACCTTTTAACTCA
GACTCTTACTCAGAATGCAAAGGCAAACAGTATGTTAAAAGGACGTGGTATAAAAAATTTGTCGGAGTGC
AGCTATGTAACTCTCTCAGATACAAGATTTATTTGAGCGATTCCCTCACAGGCAAGTTTTACAACATAGG
AGATCAGAGGGGCCACGGAGAAGATCACTGCCAGTTTGTGGATTCATTTTTAGATGGTCGCACAGGACAG
CAACTCACCTCTGAACAGTTACCCACCAAAGAAGGCTATTTCAGAGCTGTTCGTCAGGAACCTGTCCAAT
TTGGAGAAATAGGTGGTCATACCCAAATCAATTATGTCCAGTGGTATGAATGTGGGACCACAATACCTGG
AAAATGGTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM_001014422

**Insert Size:** 3300 bp

**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.

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|---|---|
| **RefSeq:** | NM_001014422.2, NP_001014422.1 |
| **RefSeq Size:** | 4454 bp |
| **RefSeq ORF:** | 3300 bp |
| **Locus ID:** | 320712 |
| **Cytogenetics:** | 16 C1.1 |

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