

Product datasheet for **MC218459**

Gpbp1 (BC067075) Mouse Untagged Clone

Product data:

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|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Gpbp1 (BC067075) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Gpbp1 |
| Synonyms: | mGPBP, Gpbp |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >BC067075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAGCATGACTTTGCTCCAGCCTGGCTTAATTTCTACTCCTCCATCATCAACAAAGTCATCAT
 TGAATTTTGAGAAGCACTCTGAAAATTTTCATGGACAGAAAATCGTTATGATGTGAGTCGTGACGACA
 CAATTCCTCAGATGGCTTTGATTCTGGATTGGACGTCCTAATGGAGGAATTTGGGAGGAAAGAGAAA
 AATGGATGGCGTACGCATGGCAGAAATGGTACAGAAAACATAAATCATCGTGGGGATACCATGGTGAA
 ATTCCCGTTCTCGTAGCAGTATTTCCATTCTGGAAAAAGCCAAGGACTACATGAAAACAGCATCCCTGA
 CAATGAACTGGGAGGAAAGAAGACAAAAGAGAACGCAGACAGTTTGAGGCTGAGGATTTCCATCTTTA
 AATCCTGAATATGAGAGAGAACCAATCAGAATAAATCTTTAGCTGCGGGTGTGGGACTATCCCCGA
 ATCCTAAATCTAGAACTCCAAGAATGCTGGTCATTAAGAAAGGAATAACAAAAGACTTACAGCTATCTGG
 ATTCCAGTAGCAGGAAACCTCCAGTACAGCCAGTTAAGAATGGAAGTGGTCCAAGTGTATAAAGGC
 TTAGTCCCAAACTGCTGTTCCACCTACAAAACCTACACAATGGAAAAGCCAACTAAAGAAAACAAAG
 TCGGGACTTCTTTTTCTCATGAATCTACATATGGTGTGGCAACTTTAATACTTTAAGTCAACGGCCAA
 GAATATTAGTCCATCAACAAATTCAGTAAAGAGTGTAATCGTTCAAATCTTCTTCGCCTGTTGACAAA
 CTTAATCAGCAGCCTCGTTAACTAACTGACACGAATGCGCAGCGATAAAAAGAGTGAATTTTGAAAAG
 CATTGAAAAGGGACAGAGTGGAGGAGGAACATGAAGATGAAAAGTCATGCTGGCTCAGAGAAGGACGACGA
 CTCATTTAATTTGCATAACAGCAATACTACTCACCAAGAAAGAGATATAAACAGAACTTTGATGAAAAT
 GAAATTCACAGGAGAACGGCAATGCCTCGATGATTTCTCAACAGATCATTGTTCTTCGACTTTCCAC
 AAATGATGTTCTTTCCAGTTCAGTACAGGCAGAACACAGATTATAAAAGAAATGGGCTGGCAGGAAGA
 CAGTGAAAATGATGAAACATGTGCTCCCTTAAGTGGATGAAAATGAGAGAATTCCAAGTTATTAGTGAA
 CAGTTACAGAAGAATGGTCTGAGAAAAATGGTATTTGAAAATGGCCTGATCTGTGACTTCAAGTTTG
 GACCCTGGAAAAACAGCACTTTCAAACCCACAATTGAGAATGATGACACAGAGACAAGTAGCAGCGACAC
 GTCGGATGATGACGATGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC067075

Insert Size: 1422 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.

RefSeq: [BC067075](#), [AAH67075](#)
RefSeq Size: 2880 bp
RefSeq ORF: 1421 bp
Locus ID: 73274
Cytogenetics: 13 D2.2
Gene Summary: Functions as a GC-rich promoter-specific transactivating transcription factor.
[UniProtKB/Swiss-Prot Function]