

## Product datasheet for **MC216855**

### **Gpbp1 (NM\_028487) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpbp1 (NM_028487) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpbp1
Synonyms:	1700034P14Rik; AU019836; D230035M11Rik; Gpbp; mGPBP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216855 representing NM\_028487  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCGCAGCATGACTTTGCTCCAGCCTGGCTTAATTTCTACTCCTCCATCATCAACAAAGTCATCAT  
TGAATTTTGAGAAGCACTCTGAAAATTTTCATGGACAGAAAATCGTTATGATGTGAGTCGTCGACGACA  
CAATTCCTCAGATGGCTTTGATTCTGGTATTGGACGTCCTAATGGAGGTAATTTTGGGAGGAAAAGAGAAA  
AATGGATGGCGTACGCATGGCAGAAATGGTACAGAAAACATAAATCATCGTGGGGATACCATGGTGGAA  
ATTCCTGTTCTCGTAGCAGTATTTCCATTCTGGAAAAAGCCAAGGACTACATGAAAACAGCATCCCTGA  
CAATGAACTGGGAGGAAAGAAGACAAAAGAGAACGCAGACAGTTTGAGGCTGAGGATTTTCCATCTTTA  
AATCCTGAATATGAGAGAGAACCAATCAGAATAAATCTTTAGCTGCGGGTGTGGGGCCTACACGCC  
AGACACACATACCCAACCAAAAAAATCTCCAAGCTCCTCTTAGACTATCCCCGAATCCTAAATC  
TAGAACTCCAAGAATGCTGGTCATTAAGAAAGGTAATACAAAAGACTTACAGCTATCTGGATTCCCAGTA  
GCAGGAAACCTCCAGTCACAGCCAGTTAAGAATGGAACTGGTCCAAGTGTATAAAGGCTTAGTCCCCA  
AACCTGCTGTTCCACCTACAAAACCTACACAATGGAAAAGCCAAACTAAAGAAAACAAAGTCGGGACTTC  
TTTTTCTCATGAATCTACATATGGTGTGGCACTTTAATACTTTAAGTCAACGGCCAAGAATATTAGT  
CCATCAACAAATTCAGTAAAAGAGTGAATCGTTCAAATCTTCTTCGCCTGTTGACAACTTAATCAGC  
AGCCTCGTTTAACTAACTGACACGAATGCGCAGCGATAAAAAGAGTGAATTTTGAAAGCATTGAAAAG  
GGACAGAGTGGAGGAGGAACATGAAGATGAAAGTCATGCTGGCTCAGAGAAGGACGACGACTCATTTAAT  
TTGCATAACAGCAATACTACTCACCAAGAAAGAGATATAAACAGAACTTTGATGAAAATGAAATCCAC  
AGGAAACGGCAATGCCTCGATGATTTCTCAACAGATCATTCGTTCTTCGACTTTCCACAACTGATGT  
TCTTTCCAGTTCACTAGAGGCAGAACACAGATTATTAAGAAAGTGGGCTGGCAGGAAAGACAGTAAAAAT  
GATGAAACATGTGCTCCCTTAACTGAGGATGAAATGAGAGAATCCAAGTTATTAGTGAACAGTTACAGA  
AGAATGGTCTGAGAAAAATGGTATTTGAAAAATGGCCTGATCTGTGACTTCAAGTTTGGACCCTGGAA  
AAACAGCACTTTCAAACCACAATTGAGAATGATGACACAGACAAAGTACGAGCAGACGTCGGATGAT  
GACGATGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_028487

**Insert Size:** 1482 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:** [NM\\_028487.4](#), [NP\\_082763.3](#)

**RefSeq Size:** 3624 bp

**RefSeq ORF:** 1482 bp

**Locus ID:** 73274

**UniProt ID:** [Q6NXH3](#)

**Cytogenetics:** 13 D2.2

**Gene Summary:** Functions as a GC-rich promoter-specific transactivating transcription factor.  
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) represents the longest transcript and encodes the longest isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.