

Product datasheet for **MC216420**

Gpbp1 (NM_001122963) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpbp1 (NM_001122963) 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



[View online »](#)

Fully Sequenced ORF: >MC216420 representing NM_001122963
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCAGCATGACTTTGCTCCAGCCTGGCTTAATTTCTACTCCTCCATCATCAACAAAGTCATCAT
 TGAATTTTGAGAAGCACTCTGAAAATTTTCATGGACAGAAAATCGTTATGATGTGAGTCGTCGACGACA
 CAATTCCTCAGATGGCTTTGATTCTGGATTGGACGCTCCTAATGGAGGTAATTTGGGAGGAAAGAGAAA
 AATGGATGGCGTACGCATGGCAGAAATGGTACAGAAAACATAAATCATCGTGGGGATACCATGGTGAA
 ATTCCCGTTCTCGTAGCAGTATTTCCATTCTGGAAAAAGCCAAGGACTACATGAAAACAGCATCCCTGA
 CAATGAACTGGGAGGAAAGAAGACAAAAGAGAACGCAGACAGTTTGAGGCTGAGGATTTCCATCTTTA
 AATCCTGAATATGAGAGAGAACCAATCAGAATAAATCTTTAGCTGCGGGTGTGGGACTATCCCCGA
 ATCCTAAATCTAGAACTCCAAGAATGCTGGTCATTAAGAAAGGTAATAAAAAGACTTACAGCTATCTGG
 ATTCCAGTAGCAGGAAACCTCCAGTACAGCCAGTTAAGAATGGAAGTGGTCCAAGTGTATAAAGGC
 TTAGTCCCAAACTGCTGTCCACCTACAAAACCTACACAATGAAAAGCCAAACTAAAGAAAACAAG
 TCGGGACTTCTTTTCTCATGAATCTACATATGGTGTGGCAACTTTAATACTTTAAGTCAACGGCCAA
 GAATATTAGTCCATCAACAAATTCAGTAAAGAGTGTAATCGTTCAAATCTTCTTCGCCTGTTGACAAA
 CTTAATCAGCAGCCTCGTTAACTAACTGACACGAATGCGCAGCGATAAAAAGAGTGAATTTTGAAAAG
 CATTGAAAAGGGCAGAGTGGAGGAGGAACATGAAGATGAAAGTCATGCTGGCTCAGAGAAGGACGACGA
 CTCATTTAATTTGCATAACAGCAATACTACTCACCAAGAAAGAGATATAAACAGAACTTTGATGAAAAT
 GAAATTCACAGGAGAACGGCAATGCCTCGATGATTTCTCAACAGATCATTGTTCTTCGACTTTCCAC
 AAATGATGTTCTTTCCAGTTCAGTAGAGGCAGAACACAGATTATAAAAGAAATGGGCTGGCAGGAAGA
 CAGTGAAAATGATGAAACATGTGCTCCCTTAACCTGAGGATGAAATGAGAGAATTCCAAGTTATTAGTGAA
 CAGTTACAGAAGAATGGTCTGAGAAAAAATGGTATTTGAAAAATGCGCTGATCTGTGACTTCAAGTTTG
 GACCCTGGAAAAACAGCACTTTCAAACCCACAATTGAGAATGATGACACAGAGACAAGTAGCAGCGACAC
 GTCGGATGATGACGATGT**GTA**

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001122963

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: [NM_001122963.1](#), [NP_001116435.1](#)

RefSeq Size: 3564 bp

RefSeq ORF: 1422 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 (1) lacks an alternate in-frame exon compared to variant 2. The resulting isoform (1) has the same N- and C-termini but is shorter compared to 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.