

Product datasheet for **MG207554**

Gpbp1 (BC067075) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpbp1 (BC067075) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Gpbp1
Synonyms:	mGPBP, Gpbp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207554 representing BC067075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCAGCATGACTTTGCTCCAGCCTGGCTTAATTTCTACTCCTCCATCATCAACAAAGTCATCAT
 TGAATTTTGAGAAGCACTCTGAAAATTTTTCATGGACAGAAAATCGTTATGATGTGAGTCGTCGACGACA
 CAATTCCTCAGATGGCTTTGATTCTGGTATTGGACGTCCTAATGGAGGTAATTTTGGGAGGAAAGAGAAA
 AATGGATGGCGTACGCATGGCAGAAATGGTACAGAAAACATAAATCATCGTGGGGATACCATGGTGAA
 ATTCCCGTTCTCGTAGCAGTATTTCCATTCTGGAAAAAGCCAAGGACTACATGAAAACAGCATCCCTGA
 CAATGAACTGGGAGGAAAGAAGACAAAAGAGAACGCAGACAGTTTGGGCTGAGGATTTTCCATCTTTA
 AATCCTGAATATGAGAGAGAACCAATCAGAATAAATCTTTAGCTGCGGGTGTGGGACTATCCCCGA
 ATCCTAAATCTAGAACTCAAGAATGCTGGTCATTAAGAAAGGTAATAAAAAGACTTACAGCTATCTGG
 ATTCCCGTAGCAGGAAACCTCCAGTACAGCCAGTTAAGAATGGAAGTGGTCCAAGTGTATAAAGGC
 TTAGTCCCCAAACCTGCTGTCCACCTACAAAACCTACACAATGAAAAGCCAAACTAAAGAAAACAAG
 TCGGGACTTCTTTTTCTCATGAATCTACATATGGTGTGGCAACTTTAATACTTTAAGTCAACGGCCAA
 GAATATTAGTCCATCAACAAATTCAGTAAAGAGTGTAATCGTTCAAATCTTCTTCGCCTGTTGACAAA
 CTTAATCAGCAGCCTCGTTAACTAAACTGACACGAATGCGCAGCGATAAAAAGAGTGAATTTTGAAG
 CATTGAAAAGGGCAGAGTGGAGGAGGAACATGAAGATGAAAGTCATGCTGGCTCAGAGAAGGACGACGA
 CTCATTTAATTTGCATAACAGCAATACTACTCACCAAGAAAGAGATATAAACAGAAACTTTGATGAAAT
 GAAATTCACAGGAGAACGGCAATGCCTCGATGATTTCTCAACAGATCATTGTTCTTCGACTTTTCCAC
 AAATGATGTTCTTTCCAGTTCCTAGAGGCAGAACACAGATTATAAAGAAATGGGCTGGCAGGAAAGA
 CAGTGAAAATGATGAAACATGTGCTCCCTTAACCTGAGGATGAAAATGAGAGAATTCCAAGTTATTAGTGA
 CAGTTACAGAAGAATGGTCTGAGAAAAAATGGTATTTTAAAAATGGCCTGATCTGTGACTTCAAGTTTG
 GACCCTGGAAAAACAGCACTTTCAAACCCACAATTGAGAATGATGACACAGAGACAAGTAGCAGCGACAC
 GTCGGATGATGACGATGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207554 representing BC067075
 Red=Cloning site Green=Tags(s)

MAQHDFAPAWLNFPTPPSSTKSSLNFEKHSENFSWTENRYDVSRRRHNSSDGFDSGIGRPNNGNFRKEK
 NGWRTHGRNGTENINHRGGYHGGNSRSRSSIFHSGKSQGLHENSIPDNETGRKEDKRERRQFEADFP
 NPEYEREPNQNKSLAAGVWDYPPNPKSRTPRMLVIKKGNTKDLQLSGFPVAGNLQSQPVKNGTGPSVYK
 LVPKPAVPPTKPTQWKSQTKENKVGTSFSHESTYGVGNFNTFKSTAKNISPTNSVKECNRSNSSSPV
 DKLNQPRLLTKLTRMRSDKKSEFLKALKRDRVEEHEHESHAGSEKDDDSFNLHNSNTTHQERDINRNF
 DENEIPQENGNASMSISQIIRSSTFPQTDVLSSSLEAEHRLKEMGWQEDSENDETCAPLTEDEMREFQV
 ISEQLQKNGLRKNGILKNGLICDFKFGPWKNSTFKPTIENDDETSSSDTSDDDDDV

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC067075

ORF Size: 1419 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC067075.1](#)

RefSeq Size: 2880 bp

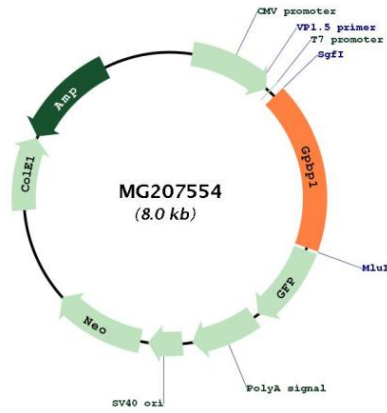
RefSeq ORF: 1421 bp

Locus ID: 73274

Cytogenetics: 13 D2.2

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

Product images:



Circular map for MG207554