

## Product datasheet for **MG207565**

### **Gpbp1l1 (NM\_029868) Mouse Tagged ORF Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | Gpbp1l1 (NM_029868) Mouse Tagged ORF Clone |
| Tag:                      | TurboGFP                                   |
| Symbol:                   | Gpbp1l1                                    |
| Synonyms:                 | 5330440M15Rik; BC002292                    |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-AC-GFP (PS100010)                    |
| E. coli Selection:        | Ampicillin (100 ug/mL)                     |



[View online »](#)

**ORF Nucleotide Sequence:**

>MG207565 representing NM\_029868  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCAGCATGACTTTGTTCTGCTTGGCTAAATTTCTCAACGCCACAGTCATCTAAGTCATCTACAG  
 CCACCTTTGACAAACACGGAGAGCACCTATCCCGTGGAGAAGGTAGATTTGGAATAAGCCGTCGTCGACA  
 TAATTCCTCTGATGGTTTTTTTAAATGGACCTCTACGACTACGGGAGATTCTTGGCACCAACCCTCC  
 CTATTCGCCCATGATTCTGTTGACTCTGGTGTCTCTAAGGGAGCATATGCTGGAACCACAGGTTGGCATG  
 GCTCTTCCCGAGGTCTGATGGTATGAGCCAACGTAGTGGAGGTAGTAGTACAGGAAACCACCGACACTG  
 GAATGGCAGCTTCCATTCGGAAGGCTGCGCCTTTCAAGAAAAACCAACTGAGATTAGGGAAGAA  
 AAGAAAGAGGATAAAGTAGAAAAGTTCAGTTCGAAGAGGAAGACTTCCCTTCTTTGAATCCAGAAGCTG  
 GCAAAACAGAATCAGCCCTGCAGACCTGTTGGGACCCCTTCTGGAGTGTGGGAAAAACCACTAGTGCCAA  
 GCAACCCTCAAAGATGCTAGTCATCAAAAAATTTCAAAGAGGATCCTGCTGCTGCCTTTTCTGCTGCA  
 TTCACCTCCTCAGGATCCCACTGCAAAATGGGAACAAAGTGCAACAATGGTCCCAAGTGTCTATAAGA  
 ACTTGGTGCCTAAGCCTGCACCCTCCCTCTAAGCCCAACGCCTGGAAGCTAACAGAACGGAACACAA  
 ACCTGGATCACTTTGCTCTAGCCGGGAGTCTGCTTTCACCAATCCAATTTCTGTTACTAAACAGTGGGA  
 CTGGTCTGCTGGTGCAGGTCTCCACTCTCCCAAAGAGAGTCCCTCCAGTACTACCCCTCCAATTGAGATCA  
 GCTCCTCTCGTCTGACCAAAATTGACCCGACGAACCACAGACAGGAAGAGTGAGTTCTGAAGACTCTGAA  
 GGATGAACGAAATGGAGACTGCTCAGAAAGTAGAGACTGTGACAAGCTGGAGGGGCTAAGATTGGAGGGC  
 AGCCACACACCCGAACCAAGGAAAAATGGAGAACAAGTTGTCTTCAGAACGGTCTTTCTCTACCCATGG  
 TAGAGGAAAGGGAGGTTCTGTCACTCTCTGGAAGCAGAGCACAGGTTATTAAGCAATGGGGTGGCA  
 GGAGTACCCCTGAAAATGATGAGAGCTGCCTTCCACTCACAGAGGACGAGCTCAAGGAGTTCCACCTGAGA  
 ACAGAGCAGCTACGAAGAAATGGGTTTGGAAGAATGGCCTCTTACAAGCCGTAGTTGCAACCTGTCCT  
 CCCCCTGGAGAAGCACTTGCAATTGCAGAGTGTGAGGACTCGGACACGGAACGAGCAGCAGCCAGACGTC  
 AGATGACGATGCCTGGAAG

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>MG207565 representing NM\_029868  
 Red=Cloning site Green=Tags(s)

MAQHDFVPAWLNFTSQSSKSSSTATFDKHGEHLRGEGRFGISRRRHNSSDGFFNNGPLRTTGDSWHQPS  
 LFRHDSVDSGVSKGAYAGTTGWHGSSRGHDGMSQRSGGSSTGNHRHWNGSFHSRKGAFCQEKTPTEIREE  
 KKEDKVEKLQFEEEDFPSLNPEAGKQNPQCRPVGTPSGVWENPPSAKQPSKMLVIKKISKEDPAAAFSAA  
 FTSSGSHHANGNKVSTMVPSVYKNLVPKPAPPPSKPNAWKANRTEHKPGSLCSSRESAFTNPISVTKPVG  
 LAAGAGLHSPKESPSSTTPPIEISSRLTKLTRRTDRKSEFLKTLKDERNGDCSESRDCDKLEGLRLEG  
 SHTPPEPKENGEQGLQNLGLSLPMVEEREVLSHSLEAEHRLKAMGWQYEPENDESCLPLTEDELKEFHRL  
 TEQLRRNGFGKNGLLQSRSCNLSSPWRSTCIAECEDSDTETSSSQTSDDDAWK

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_029868

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_029868.2](#), [NP\\_084144.2](#)

**RefSeq Size:** 3550 bp

**RefSeq ORF:** 1422 bp

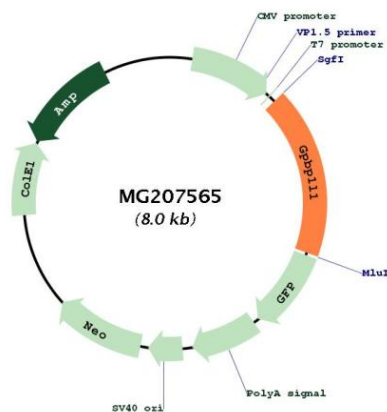
**Locus ID:** 77110

UniProt ID: [Q6NZP2](#)

Cytogenetics: 4 D1

Gene Summary: Possible transcription factor.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MG207565