

## Product datasheet for **MC219525**

### **Gtpbp2 (NM\_019581) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gtpbp2 (NM_019581) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtpbp2
Synonyms:	nmf205
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219525 representing NM\_019581  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACTCGCGGGTATCGGAGCTGTTGCGCGGCTGCTGCCGGCCCGGAGGAGCCCGGCCATGGGTGGAA  
 ACCTCAAAGCTCGGGGGCCGGCGGTAGCAGCAGTTGCGGGGGCCCAAAGGGGAAGAAGAAGAACGGAAG  
 GAACAGAGGAGGTAAAGCCAACAACCTCCGTACCTGCCCCAGAGGCTGAAGATGGAAACATCGAATAT  
 AAAGTGAAGCTGGTGAACCCATCTCAGTACCGCTTTGAGCACTTGGTGACACAAATGAAGTGGCGCTCC  
 AGGAAGGACGTGGTGAAGCTGTCTACCAGATTGGGGTAGAGGACAATGGGCTGCTGGTGGGGCTGGCTGA  
 AGAGGAGATGCGGGCTTCCCTCAAGACCCTGCACCGGATGGCAGAGAAGGTTGGGCAGACATCACTGTT  
 CTTGCGGAGCGAGAGGTGATTATGACAGTGACGTGCCCGGAAGATCACTGAGGTGCTAGTACGAAAGG  
 TCCCTGACAACCAACAGTTCCTAGATCTCCGTGTGGCCGTCTAGGGAATGTGGACTCAGGGAAGTCAAC  
 CTTGCTTGGAGTCTGACCAAGGAGAGCTGGACAACGGGCGGGCCGGCCCGGCTCAACCTTTTCCGC  
 CACCTGCATGAGATTCACTGTCGCGCAACCTCCAGCATCAGCTTTGAGATCCTGGGCTTTAACAGCAAGG  
 GAGAGGTGGTGAATTACAGCGACTCACGGACTGCAGAAGAGATCTGTGAGAGCAGCTCCAAGATGATCAC  
 CTTATTGACCTGGCGGGCCACCATAAATACCTGCACACCACCATCTTTGGCCTCACCTCTACTGCCCC  
 GACTGTGCCCTGCTCCTCGTCAGTGCCAACACTGGAATCGCCGGCACCACACGGGAACACCTGGGGCTGG  
 CCTTGGCCCTGAAAGTGCCTTCTTCATCGTGGTCAAGTAAAGTGGACCTGTGTGCTAAGACCACAGTGGA  
 GAGGACAGTTCGCCAGCTGGAGCGGGTCTCAAGCAGCTGGCTGCCACAAGTCCCCATGCTGGTCAAC  
 TCTGAGGATGATGCTGTCACTGCTGCCAGCAGTTTGGCCAGTCAACCAATGTCAACCCCTATATTTACAC  
 TGTCAGTGTGTCTGGAGAGAGCCTGGACCTTCTTAAAGTCTTCTGAATATCCTGCCGCCCTCACCAA  
 CAGCAAGGAGCAGGAGGAGCTCATGCAACAGTTGACAGAGTTCCAGGTGGATGAAATCTACACAGTCCCA  
 GAGGTGGGGACTGTGGTTGGAGGAACACTATCCAGTGGGATCTGCCGCGAGGGGGACCAGCTGGTGGTAG  
 GCCCGACAGATGATGGCTGTTTCTTGGAGCTGAGGGTATGCAGCATCCAGCGCAACCGCTCTGCGTGTG  
 TGTTCTTCGAGCAGGTCAAGGCTGTACTCGCCCTTGGAGACTTTGACCGTGCATTGCTTCGCAAGGGC  
 ATGGTCATGGTGAAGTCCCGAGATGAATCCACCATCTGCTCAGTGTGGAGGCAGAGATAGTCTACTGT  
 TCCACGCCACCACCTTTCGGCGGGGATTCCAGGTGACAGTACATGTGGGCAACGTACGTCAAACAGCAGT  
 GGTGAAAAGATCCACGCAAAGGACAAGCTGCGGACAGGGGAGAAGGCAGTGGTGCCTTCCGTTTCCGTT  
 AAACCCAGAATACCTGAAGTGGGCGCCAAACTGCTGTTCCGGGAGGGTGTGACCAAAGGCATCGGTC  
 ATGTCACGGATGTACAAGCCATCACAGCAGGAGAGGCCACCGCCACCATGGGCTT**CGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_019581
- Insert Size:** 1809 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\\_019581.3](#), [NP\\_062527.2](#)

**RefSeq Size:** 2982 bp

**RefSeq ORF:** 1809 bp

**Locus ID:** 56055

**UniProt ID:** [Q3UJK4](#)

**Cytogenetics:** 17 C