

Product datasheet for **RN211405**

Gbp5 (NM_001108569) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbp5 (NM_001108569) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gbp5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211405 representing NM_001108569
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCAGAGATTCACATGCCAGAACCATATGCCTCATTGCGAACACGGATGAACACCTAGTGACTA
 ACCAGGAAGCCCTGGAGATCCTGTGAGCCATCACACAGCCGGTGGTGGTGGCCATTGTTGGCCTCTA
 CCGCACAGGCAAATCCTACCTGATGAACAAGCTGGCTGGGAAGGAGAAAGGCTTTTCCGTGGGCTCCACT
 GTTCAGTCTCACACCAAGGGCATCTGGATGTGGTGTGTCGCCACCCTCAAAGCCAGACCACACTTTGG
 TTCTGTTGGACTGAGGGCCTGGGAGATGTGGAGAAGTTGATGAAAAGAATGATATTCAGATCTTCGC
 ACTGGCGATCCTCCTCAGTAGCACCTTCGTATACAACACCATGAGCAAAATTGACCAGGGGGCTATCGAC
 CTACTGCACAGTGCACAGAGCTGACAGATCTGCTCCGGACAAGGAACACCTCTGATCCCAGTGAACCA
 AGGAACCTGATGACATGAGCTTCTCCAGACTGGTGTGGACTCTGAGAGATTTCTTCCGTGGCCTGGA
 AGTCAATGGGCAAGCCATCACATCAGATGAATATCTGGAGAAGTCGCTGATGCTGAAGCAAGGTAGTGAT
 GAAAGGACCCAAACATCAATCTACCTCGCTGTGCATACAGAAGTTCTCCAGTAAAGAAATGCTTTG
 TTTTGTACTCTCCTGCTCTCGGAAGTAACTTTCTCAGCTTCAAACACTCAACAGTGATGAGCTGAACCC
 TGATTTTGTGCAGAACCTTTCAGAATTCTGTTCTCACATCTTCACACATTCTAAGACCAAGACTCTTCCA
 GGAGGCATCCAGGTCAATGGACCTCGTCTGAAAGCATGGTGCAGACCTATGTGGATGCTATCAACAGTG
 GGGCTCTTCTCCATGGAGAACATGGTGGTAACTTGACCCGGAGAGAGAACACAGCAGCAGTGCAAAA
 GGCCATTGCTCACTATGACCAACAGATGAGTCAGAAGTGCAGCTGCCACAGAGACCCTCAACTGCTG
 CTGGACCTGCACAAGACCTGTGAGAAAGAAGCCATAGAAATCTTCAGGAAGCGTTCTTTCAAGGATGATG
 ACCAATGTTTCCAGAAAGAATTGGAGAGCCTACTAAGTGCAAAGCGGGATGAGATTTGTAGGAAGAACA
 GGATGCTTCTGCAGCCCTCTGCTCAACCTACTTCAGAGTACTTTTCAGCCTCTGGAACAAGAAGTGGCA
 CGGGGGTCTATGCTAAACCAGGAGGACACAGTCTCTTCTTCAGAGGATGGAACAGTTGAAGGCACAGT
 ACCGCCAGCAGCCGGGAAGGGAACACAGGCTGAGGAAGTTCTGCAGAAATATCTGAAAGCCAAGGAACC
 AGTGAGCGCTACAATTCTACAAACAGACCAGGATCTCACAGCCAAAGAGAAGCAGAAAAAAGAGGAACA
 GCAAGAGCGGAGGCTGCCGGGCTGAAGCACAGAGGTTGGAGGCTCTTCGAGTCCAGGAAGGCAAAAGGA
 GAGTAGAGCAGGAGAGAAGGCATCAAGAGCATCTGAGGCAATAGAGTTTGAAGGGCAAACCTCCAGAG
 AGAGCAACAGAGGAAGCAGAAGCAGAGGGTCCAGGAAGAGATGGAAGGATCAAGGCAGAGCAGGAAGCT
 CAACTCAGAGCACTTCAACAGCAGCTCCAAAACATGAGGGTAATAAGCCACCACGAACATGACCAGTGTA
 TAATAATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108569
- Insert Size:** 1761 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_001108569.3](#), [NP_001102039.2](#)

RefSeq Size: 2810 bp

RefSeq ORF: 1761 bp

Locus ID: 362050

Cytogenetics: 2q44