

Product datasheet for **RN202242**

G3bp2 (NM_001013989) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G3bp2 (NM_001013989) Rat Untagged Clone
Tag:	Tag Free
Symbol:	G3bp2
Synonyms:	RGD1309571
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN202242 representing NM_001013989
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGTTATGGAGAAGCCAGTCCGCTGCTTGTGGGGCGGGAGTTGTGAGGCAATATTATACTTTGCTGA
 ATAAAGCTCCCGAGTATCTGCACAGTTTTATGGCAGGAATTCCTCTATGTTTCATGGTGGAGTGGATGC
 CAGTGGAAGGCCAGGAAGCAGTTTATGGCCAAAATGATATACCCACAAAGTGTATCTCTGAACTTC
 AGTGAATGTCATACAAAATCCGTCATGTGGACGCTCATGCGACCTTGAGTGATGGTGTAGTGGTACAGG
 TCATGGGGTTGCTGCGAACAGTGGCCAGCCTGAGAGGAAGTTTATGCAGACCTTTGTTCTGGCTCCTGA
 AGGATCTGTTCCAAATAAATTTTATGTTACAATGATATGTTTCGTTATGAGGATGAAGTATTTGGAGAT
 TCCGAACCAGAATTGATGAAGAGTCAGAAGATGAAGTGGAGGAGGAACAAGAAGACAGGCAGCCATCTC
 CGGAACCTGTGCAAGAGAATGCTAACAGCGCTTACTATGAAGCCCACCCTGTGACCAATGGCATAGAGGA
 GCCTTTGGAAGAATCCTCTCATGAACCAGAACCCTGAGCCGGAGTCGGAACAAAGACTGAAGAGCTGAAA
 CCACAAGCGGAGGAGAAACACTTGGAAGAGCTGGAGGAGAAGTCCGCCACTCCTCTCCCACTGAGCCTG
 CTTCTCTGCCTCAAGAACCGCCAAAGCCAAGGGTTGATGCTAAACCAGAAGTTCAATCTCAGCCACCACG
 TGTACGGGAACAGCGACCTCGAGAGCGACCTGGTTTTCTCTCGAGGACCAAGGCCAGGCAGAGGAGAC
 ACAGAACAGAATGACTCTGACAACCGGAGAATAATTCGTTATCCGGACAGTCACCAGCTTTTTGTTGGAA
 ACTTGCTCATGATATTGATGAAAATGAAGTGAAGAATTCTTTATGAGTTTTGGAACGTTGTGGAAGT
 TCGCATCAATACCAAGGGTGTGGGGGAAAGCTTCAAATTTGGTTTTGTTGTTTGTGACTCTGAA
 CCAGTTCAGAGAATCTTAATTGCAAAACCAATTATGTTTCGAGGAGAAGTACGTTTAAACGTGGAAGAGA
 AAAAGACAAGAGTGCCAGAGAACGAGAGACCCGAGGTGGTGGTATGACCGCAGGATATCAGGCGCAA
 TGATCGGGGTCTGGTGGTCCACGTGGAATTGTGGGTGGTGAATGATGCGTGATCGTGACGGAAGAGGG
 CCCCTCCACGAGCGGCATGACACAGAACTTGTTCTGGAAGAGGAACCGGGCAAATGGAAGCCGCT
 TCACAGGACAGCGTCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013989

Insert Size: 1350 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_001013989.1, NP_001014011.1
RefSeq Size: 1894 bp
RefSeq ORF: 1350 bp
Locus ID: 305240
Cytogenetics: 14p22