

Product datasheet for RN216438

Gbx2 (NM_053708) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gbx2 (NM_053708) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gbx2
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN216438 representing NM_053708
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGCAGCGTTCGCCCGCTCGCTGATGATGATGCAGCGCCCGCTGGGGAGTAGTACCGCCTTCAGCA
 TAGACTCGCTGATCGGCAGCCCGCCGAGCCAGTCCCGGCCATTCGTCTACACCGCTACCCCATGTT
 TATGCCCTACCGCCGGTGGTGTGCCGCCACCGCCCGCCCGCTCCCGCGCTGCCACGGCAGCGCTA
 CAGCCCGCGCTGCCGCCCGCCACCCCTACCACCAGATCCCGAGTTGCCACCGGCTTCTGCTCCAGCC
 TGGCGCAGGGCATGGCGCTCACCTCCACTCTCATGGCCACGCTGCCGGCGGCTTCTGCTCGCCCCA
 GCACCAAGAGGGCGCCCGCCCGCAAGTTCGCTCCGCAGCCGCTGCCTGGAGGGCAACTTCGACAAA
 TCCGAGGCGCTCCAAGCCGATACGGAGGACGGCAAAGCCTTCTTGCCAAAGGAGGCTCGCTGCTCGCT
 TCTCTGCGCCGAAGCGGTGCAAGCGTCTGCTCGTGGGGCTGTCCGAGGGCAAGGAAAGACGAGTCAA
 GGTGGAAGATGACCCGAAGGGCAAGGAGGAGACTTCTCTGAGAGCGATGTGGATTACAGCTCAGAT
 GACAATTTGCCTGGCCAGACTGCTCATAAGGAAGAAGACCCCGCCACGCACTGGAGGAGACCCCGAGA
 GCGGCGGTGCGGCAGGTAGCACACGTCCACAGGAAGAACCAGCGCGGCGGACTGCCTTTACCAGCGA
 GCAGCTGCTGGAGCTGGAGAAGGAATCCACTGCAAAAAGTACCTCTCCCTGACCGAGCGCTCACAGATC
 GCCCATGCCCTAAACTCAGCGAGGTGCAAGTAAAAATCTGGTTCAGAACCAGCCGGCCCAAGTGGAAAC
 GTGTCAAGGCAGCAACGCCAATTCGAAGACGGGGAGCCCTCTCGGAACCCCAAGATCGTAGTCCCAT
 CCCTGTCCATGTACAGAGTTTCGCTATTGAAAGTCAACACCAGCAGCTGGAGCAGGCCCGACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
 ACCN: NM_053708



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Insert Size:	1047 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_053708.2</u> , <u>NP_446160.1</u>
RefSeq Size:	1548 bp
RefSeq ORF:	1047 bp
Locus ID:	114500
Cytogenetics:	9q36