

Product datasheet for **MG226039**

Gbx2 (NM_010262) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gbx2 (NM_010262) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Gbx2
Synonyms: D130058E05Rik; Gbx-2; MMoxA; Stra7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG226039 representing NM_010262
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGCAGCGTCCCGCCGTCGCTGATGATGATGCAGCGCCCGCTGGGGAGTAGTACCGCCTTCAGCA
 TAGACTCGCTGATCGGCAGCCCGCCGAGCCAGTCCCGGCCATTCGTCTACACCGGCTACCCCATGTT
 CATGCCCTACCGCCGGTGGTGTGCCGCCACCGCCACCGCCTCCCGCGCTGCCCAAGGAGCGCTG
 CAGCCCGCTCTGCCGCCGCGCACCTCACCACAGATCCCGAGCCTGCCACCGGCTTCTGCTCCAGCC
 TGGCGCAGGGCATGGCGCTCACCTCCACGCTCATGGCCACTCTGCCCGGGGCTTCTCTGCGTCGCCCCA
 GCACCAAGAGGGCGCGGCTGCCCGCAAGTTCGCTCCACAGCCACTGCCCGGAGGGCGCAACTTCGACAAA
 GCCGAGGCGCTCCAAGCGGATGCGGAAGACGGCAAGCCTTCTTGCCAAAGGAGGGCTCGCTGCTCGCTT
 TCTCTGCGGCCGAAGCGGTGCAGGCGTCGCTCGTCCGGGCTGTCCGAGGGCAAGGAAAGACGAGTCAAA
 GGTGGAAGATGACCCGAAGGGCAAGGAGGAGAGCTTCTCTGGAGAGCGATGTGGATTACAGCTCAGAT
 GACAATTTGCCTGGTGCAGACTGCTCATAAGGAAGAAGACCCCGGCCACGCACTGGAGGAGACCCCGAGA
 GCGGCGGTGCAGCAGGCAGCACCCAGTCCACAGGAAGAACCAGGCGGCGGACTGCCTTACCAGCGA
 ACAGCTGCTGGAGCTGGAGAAAGAATTCACCTGCAAAAAGTACCTCTCCCTGACCGAGCGCTCACAGATC
 GCCCAGCCCTCAAACCTCAGCGAGGTGCAAGTAAAAATCTGGTTCCAGAACCAGGCGCCCAAGTGGAAAC
 GTGTCAAGGCAGGCAACGCCAATTCGAAGACGGGGAGCCCTCTCGGAACCCCAAGATTGTCTCCCAT
 CCCTGTTACGTTAGCAGGTTTCGCTATTGAAAGTCAACACCAGCAGCTGGAGCAGGCCCGACCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_010262.3](#), [NP_034392.1](#)

RefSeq Size: 2126 bp

RefSeq ORF: 1047 bp

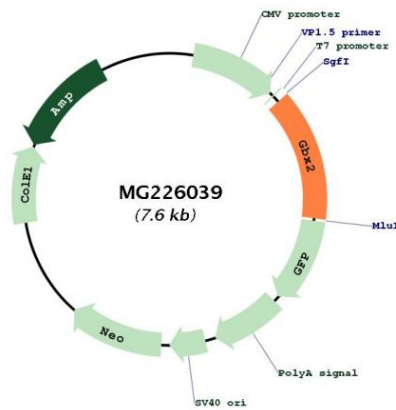
Locus ID: 14472

UniProt ID: [P48031](#)

Cytogenetics: 1 45.06 cM

Gene Summary: May act as a transcription factor for cell pluripotency and differentiation in the embryo. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG226039