

Product datasheet for **MG210783**

Punc (BC053057) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Punc (BC053057) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Punc |
| Synonyms: | 2810401C09Rik; AI851425; Punc; WI-14920 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>MG210783 representing BC053057
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGCCGCGCACCCGCTCCCCGCGCCGCTGCCGCGCTGCGCCGGCCGGGTTTCTGCCGCGT
 TGCTGCCGCCCGCCGCGCCGCTGCTGTTGCTGCTGCTGTTGCCGCTGCCTGCGCCAAGCCTGGG
 TCTGGGCCATTCTGCTGAACTGGCATTCTGTGGAGCCAAATGATGATATTGCCAACCTGGGCAGCCC
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 GGGCCAGGCTCACTGTGTGAGGCTCGGGCTCAGGGACCTACAAGGAGCCACCATTCTTGTGGGGCTGA
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 GTGTCTGGAGCCGCTTGGATGGCCGCCCATTTGGGGTGGAGGGCATCCAGGTGCTGGGCACAGGAAACC
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 CCCATTATCTGTGCGGTTGCTGGGAGCTCCTCTACAAGTGTATGGAAGCCCTGGCCACGGCTGGCC
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 TCCTGGGACTGTCTCCTTACAACTCAGCCAGCTTACCCAGCACCGTGTACGAGGTGAAGCTCCT
 GGCTACAACCAGCATGGAGATGAAAACGCCACGGTCCGATTTGTGTCTGAAGGGAGCCTCTGAGAGG
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 TTATCGGCATCCACATCGGAGTCACCTGCATCATCTTCTGCGTCTCTTTCTTCTGTTGGCCAGAGGGG
 CAGGGTCTCCTGTGAAGGATGTGAAAACAGCTCTCCCTCCCAGGGTCCCAGGAGCCAGAGGGAC
 CCTGGTATCCTGGCCCTGAATGGACTGAGCCGAGGAGAAGGGGGCCAGCTGAGCCGAGATGAAAAGCCGG
 TGGACGCCAAGGAGTTGGAACAGCTGTTTCCACAGCTGGGTGAGTGCACAGCCAGGCTCCACACCCAC
 GGATCCTGCAGCCCTGCTCCATGTGAGGAGACCCAGCTCTCCATGGTTGAGCTTCAAGGCTTCAACCTT
 GTGGCAGGGAGGACAACAGAGGCCAGTCCCCCTGTGCAGGGCCTGGGCTGTCCAGCACCCAGGATA
 TAGGCCCTGTCCCCTCAGTGAAGGACAGACCCAGCCTCCAGCAGTCGCAGCACCCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG210783 representing BC053057
 Red=Cloning site Green=Tags(s)

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MAEPRTASPRRLPALRRPGFLPPLLPPPPPLLLLLLLLLLPLPAPSLGLGHS AELAFSVEPNDDIANPGQP
IVLGCKVEGTPPVQVSWRKNGAELPEGTHHTLLANGSLLIHHFRLEQGGSPSDEGDYECVAQNRFGLLVS
RKARLQAATMSDFHVHPQAVTGEEGGVARFQCQIHGLPKPLITWEKNRVPIDTDDERYTLLPKGVLQITG
LRAEDSGIFHCVASNIASVRVSHGARLTVSGSGSGTYKEPTILVGPENLTLTVHQTAVLECVATGNPRPI
VSWRDLGRPIGVEGIQVLGTGNLIISDVTVQHSGVYVCAANRPGTRVRRTAQGRLLVVQAPAEFVQHPQS
ISRPAGTTAMFTCQAQGEPPPHVTWLKNGQVLGAGGHVRLKNNNSTLSISGVGPEDEAIYQCVAENIAGS
SQASARLTVLWAEGLPGPPRNVRAVSVSSTEVRVSWSEPLAHTKEIIGYVLHIRKAADSPKLEYQEAVSK
STFQHLVRDLEPSTAYSFYIKAYTPRGASLASVPTLASTLGEAPVPPPLSVRLGSSSLQLLWKPWPRLA
QHNGGFKLFYRPVSATSFTGPILLPGTVSSYNLSQLDPSTVYEVKLLAYNQHDGNATVRFVSLKGASER
TALTPPCDCRKEDVTNHTSTTGIVIGIHIHVTCIIFCVLFLFGQRGRVLLCKDVENQLSPPQGPRSQRD
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VAGRTTEATSPCAGPGVPAPQDIGPVPLSEGQTQPPAVAAPQ
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

- 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: [BC053057.1](#)

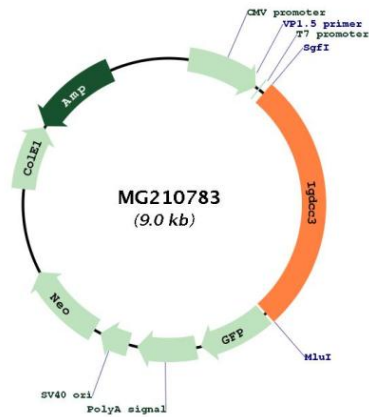
RefSeq Size: 3198 bp

RefSeq ORF: 2441 bp

Locus ID: 19289

Cytogenetics: 9 35.13 cM

Product images:



Circular map for MG210783