

Product datasheet for **MC220751**

Punc (BC053057) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Punc (BC053057) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Punc
Synonyms:	2810401C09Rik; AI851425; Punc; WI-14920
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC053057
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGCCGCGCACCGCGTCCCCGCGCCGCTGCCGCGCTGCGCCGGCCGGTCTTCTGCCGCGT
 TGCTGCCGCCCGCCGCGCCGCTGCTGTTGCTGCTGCTGTTGCCGCTGCCTGCGCCAAGCCTGGG
 TCTGGGCCATTCTGCTGAACTGGCATTCTTCTGTGGAGCCAAATGATGATATTGCCAACCTGGGAGCC
 ATAGTGCTGGGCTGCAAAGTGGAGGGCACCCCTCCAGTGCAAGTCTCCTGGAGGAAGAATGGAGCAGAGC
 TACCAGAGGGCACCCACCACTCTGCTGGCCAATGGCTCCTTGCTGATCCACCCTTACAGGCTGGAGCA
 AGGAGGTAGCCCTCAGATGAGGGTACTATGAATGTGTGGCTCAGAACCCTTTGGGCTGCTGGTCAGT
 CGGAAGGCTCGTCTCCAGGCTGCAACTATGTCCGACTCCACGTACACCCAGGCGCTCACGGGTGAGG
 AGGGTGGTGTGGCCGCTTCCAGTGCCAAATCCATGGGCTTCCCAAGCCCTGATCAGTGGGAGAAAG
 CAGAGTCCCATTTGACACGGACGATGAGAGGTACACACTACTGCCAAGGGAGTCTGCAGATAACAGGA
 CTTCCGGGCTGAGGACAGCGGCATCTTCCACTGTGTGGCTCAAACATTGCTAGTGTGCGGGTACGCCAGG
 GGGCCAGGCTCACTGTGTGAGGCTCGGGCTCAGGGACCTACAAGGAGCCACCATTCTTGTGGGGCTGA
 GAACCTCACCTGACAGTGCACCAGACTGCGGTGCTGGAGTGTGTGCCACGGGCAACCCGCGCCCAT
 GTGTCTGGAGCCGCTTGGATGGCCGCCCATTTGGGGTGGAGGGCATCCAGGTGCTGGGCACAGGAAACC
 TTATCATCTCAGATGTGACTGTCCAGCATTAGGTGTCTATGTCTGTGCAGCCAACAGGCTGGCACCCG
 GGTGAGAAGGACGGCCAGGGTGGGCTGGTGGTACAAGCTCCAGCAGAGTTTGTTCAGCATCCCCAGTCC
 ATCTCCAGGCTGCTGGGACCACAGCCATGTTACCTGCCAAGCGCAGGGGGAGCCACCCGCTCATGTCA
 CATGGTTGAAGAATGGACAAGTGTGGGGCAGGAGGCCATGTGAGGCTCAAGAACAATAACAGCACACT
 GAGCATTCTGGAGTCCGACCTGAAGATGAGGCCATCTACCAATGTGTGGCTGAGAACATTGCTGGCTCG
 TCGCAAGCCAGCCAGGCTGACCGTGTGTGGGCTGAGGGTTGCCAGGCCCCACGCAATGTCCGAG
 CTGTCTGTGTCTCCACTGAAGTTCGAGTGTCTGGAGTGTGCTGAGCCTTGGCCACACCAAGAGATCAT
 TGGCTATGTCTTGCACATCAGGAAGGCTGCCGACTCACCAAGCTAGAGTACCAGGAAGCTGTCAGCAAG
 AGCACCTTTCAGCACCTGGTGTGAGAGCCTTGGCCCTCCACTGCCTACAGCTTCTACATCAAAGCCTACA
 CACCACGAGGGCCAGTTTACGCTCTGTCCCAACCTGGCCAGCACCTGGGTGAAGCCCTGTCCACCC
 CCCATTATCTGTGCGGTTGCTGGGCAGTCTCTCTACAAGTGTATGGAAGCCCTGGCCACGGCTGGCC
 CAACACAATGGAGGCTTCAAGCTGTTTTACCGCCAGTCAAGTCAACCTCCTTACTGGCCCATCTTGC
 TCCTGGGACTGTCTCTTACAACTCAGCCAGCTTGACCCAGCACCGTGTACGAGGTGAAGCTCCT
 GGCTACAACCAGCATGGAGATGAAAACGCCAGGTCCGATTTGTGTCTTGAAGGGAGCCTCTGAGAGG
 ACAGCCCTGACTCCCCATGTGACTGCCGGAAGGAAGATGTACCAACCATACGTCCACTACAGGCATTG
 TTATCGGCATCCACATCGGAGTCACTGCATCATCTTCTGCGTCTCTTCTTCTGTTTGGCCAGAGGGG
 CAGGGTCTCTGTGTAAGGATGTGAAAACAGCTCTCCCTCCCAGGGTCCCAGGAGCCAGAGGGAC
 CCTGGTATCCTGGCCCTGAATGGACTGAGCCGAGGAGAAGGGGGCCAGCTGAGCCGAGATGAAAAGCCGG
 TGGACGCCAAGGAGTTGGAACAGCTGTTTCCACAGCTGGGTGAGTGCACAGCCAGGCTCCACACCCAC
 GGATCCTGCAGCCCTGCTCCATGTGAGGAGACCAGCTCTCCATGGTTTCAAGGCTTCAAGCTT
 GTGGCAGGGAGGACAACAGAGGCCAGTCCCCCTGTGCAGGGCCTGGGCTGTCCAGCACCCAGGATA
 TAGGCCCTGTCCCTCAGTGAAGGACAGACCCAGCCTCCAGCAGTGCAGCACCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC053057
Insert Size: 2442 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:	<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>BC053057</u> , <u>AAH53057</u>
RefSeq Size:	3198 bp
RefSeq ORF:	2441 bp
Locus ID:	19289
Cytogenetics:	9 35.13 cM