

Product datasheet for **MC221888**

Prom2 (NM_178047) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prom2 (NM_178047) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prom2
Synonyms:	A1507243; Prom-rp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221888 representing NM_178047
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACGCGCTCACCCGGCCTCATGGTGCCCTGCTGGCCTGAGCCTGGGACTGGCCTGAGCCTGCCCC
 AAGCTGTGACAGACGACTGCGGGTCCCTCGGGCGCGTGGAGCACCTGGCATTGCTCGGGTGCCAGGAC
 ACGAGAGCTGGCCCTCTTGTTCGCGCGTGGGGCCCTGAACTCCCTCTATGGACCGTGCACGATTC
 CTCTCCGTGGTTCAACTAACCCTTCCCGCAGAGTTGATAAAGACCCTGCTGAATGACCCATCTTCTG
 TGAAGACAGATGAGGTGGTTCGATATGAGGCAGGCTACGTGGTGTGTGCTGTGATTGCTGGCCTCTACCT
 CCTATTGGTGCCCATCACTGGGCTGCTTCTGTTGCTGTCGCTGCCGCCAGCGCTGTGGGGCAGAGTG
 AAGACGGAGCACAAGCCATGGCCTGTGAACGTGGTACCCTCATGATCTTCTGCTGCTGACCACCCTCG
 TGCTTCTGATTGGTATGGTCTGTGCTTTTGTACAAACCAACACACATAGTCAGACGGGGCCAGTGT
 GAAAGCTGTCCTGAGACCCTGCTCAGCCTAAGAGGCCTGGTCTCTGATGTCCTGAAGAGCTGCGGGCC
 ATTGCTGAGCAGTTCTCTGTGCCTCAGAAGCAAGTCTCAAAGGAGCTGGATGGTGTGGTGAAGACCTTG
 GGAACGTAATTCATAACCGGCTCAAGAGCACAGTGTACCCAGTGCTAGCCTCAGTGCACAGCCTGGGCCA
 GGCCCTGCAGGTCTCCATAGACCACCTTCGAGCCCTGAACACCACCTCAGTGGAGCTGCAGGAGGCTCAG
 CGGCACCTGGAGCCACCTGTGCAGGCGCACCGGGAACGCCTGCTCGCCCTGCTTCAGGACAGCTGGTGCC
 ACGAGGAGAATTGCAAGCGGGTGTCTCAGCCAGGCGCGTCTGCAACTGGGCGCTGACTTTAGCCAGAC
 GCCCCCTGTGGATGATGCTCCTGCATCGGCTGAAGGATGTCCAGAAACCAACTTCTCCAGCATGGTCCAG
 GAGGAAAAGCCACCTTCAATAACCTCCCGCTCCTGGTTCAAGTGCAGGCGGTGAGTGGTCAAAGATG
 TGAAAAAGGCCTGGCTGAGCAGCCTGAAGGGTTGAGGATGCTGGCCCAAGCGTTCAGGTTCCAGAGGC
 AGCCTCCCGCTGGAGCCAGGCACCTGGAGGGGCTGGAACAGCGCAGCCGCCCTACTTGCAGGAGGTGCAA
 CAATATGAGACATACAGGTGGATTTGGGATGCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGTA
 ACCTGCTGGCCCTCAGCCTGGGCATCTGGGGTGTGTTGCCAGGGAGGACCCAGCCACTCTGAAACCAA
 GGGCGAGGCTGGAGCCCGCTCCTCATGGCAGGTGTGGCCTTCAGCTTCTCTTCGCAGTCCCCCTCATC
 CTCCTCGTCTTCGTCACCTTCTGGTGGTGGCAATGTGCAGACGCTGGTGTGCCGAGCTGGGAGAGTG
 GAGAGCTGATGAGTTTGCAGACACTCCGGGAACTTGCACCATCCATGAACCTATCCTATCTTCTTGG
 CCTGAAGAAAAACATCAGCATCGTCCAGGCCTATCGACAGTGAAGGCAGGGGCAGTACTCTGGAAGTT
 CTACAGCTCAATGACTCGTATGACTGGATAAGCACCTGGATATCAAACAGTATACCCACAAGATTGAGC
 AGGAGCTTCAGAGCTTCCAAGTAGATTTGAAGGAGCTAGACCTGTTGAGCCCACTGCCGCCAGGACCT
 GGAGGCTTTGCAGAGGAGCGGGCTGGAGAAAATCCACTACAGAGGCTTCCTTGTGAGATCCAGAAGCCT
 GTGGTGAACACTGACATGTGGCAGCTGGCGCAGGAGCTGGAAGGACTGGCCAGGCCAAAATGACTCTT
 TACTGAGGCAGCAGCTACGGGAGGAGGCCAGAGAACTTCGAAGCCTTACCAGGAGAAGGTTGTCCCCCA
 GGAGAGCCTTGTGACCAAGCTCAACTTCAGTGTCAAGACCTTGGAGTCTTGGCCCAAGTCTGCAGGTG
 AATACCTCAGACTTTCTTGACAGTGTCACTCGTCTAAAAGGAGAGCTGCCTGTGCAGATCAACCACATCC
 TGAGGAATGCCACTGAGTGTTCCTGACCAGGAAATGGGCTACTTCTCTCAGTATGTGACCTGGGTGAG
 AGCAGAGGTGACTCAGCGCATCGCCACCTGCCAGCCCTTCTCTACAGCCCTGGACAATGGTCATGTGATC
 CTGTGTGACATGATGGCTGACCCCTGGAACGCCTTCTGGTTTTGCCTGGGGTGGTGCACCTTCTTCTCA
 TCCCCAGCATCATCTTCGCTGTCAAGACCTCCAAGTACTTCCGTCCTCCATCCGAAACGCCTCAGGTCAC
 CTCTCTGAAGCTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178047
Insert Size: 2466 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:	NM_178047.4 , NP_835148.2
RefSeq Size:	4224 bp
RefSeq ORF:	2466 bp
Locus ID:	192212
UniProt ID:	Q3UUY6
Cytogenetics:	2 F1