

Product datasheet for **RN213668**

Pomt2 (NM_001047114) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pomt2 (NM_001047114) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pomt2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN213668 representing NM_001047114
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTTTACGCCCTCAGGCCCGCTCTTAGCCGCCGGGAGGCCACCACACTCTACGCCCTCCAGAGCCC
 GGGGCCCGCACTCCGCGCAAACGAGGGAACACAAATCCCATGGCACCTCGAGACGCCCTCTTACGA
 CTCTTGACGGGGCAGCGGACAAGACCCGGCGTGCCTCCGGCCCGGAGGGTGATCCTTAGAAAGGGGAGG
 ATGCCGCCGCCATAGGCGGTGGCTAGCGGGCTCGGAGCTGCGTCCCGTAGGGGCCGAGTGTGCAGC
 AGGCTGCCAGAGCCGTGAGCCGAGAGCTGGTCCCCGAGGCTGCAACGCGGAAACTTAAACGGCCTGCTTG
 GAGCTCGCGCGCTTCCAGGCGGCAGGCTGGTGGGCCACGCTGGCTGTGGTGACGCTGCTGTCTTTGCC
 ACCCGCTTTCACAGGCTGGACCAGCCGGCACACATCTGTTGGGATGAGACTCACTTTGAAAAATGGGAA
 GTTACTACATTAACCGCACCTTTTTCTTCGATGTGCCACCACACTGGGAAAGATGCTGATTGGCCTTGC
 TGGCTACCTGAGTGGATATGATGGTACCTTTTTGTTCCAGAAGCCTGGGACCGATACGAGCACCACAGC
 TACATGGGGATGAGAGGGTCTGTGCTTTCCTGGGTTCCCTGGCTGATCCCTTTGCTACCTCACTGTAC
 TGGATCTGTCCAAGTCTTCCCAGCAGCACTGCTCACCGCTGCCCTGCTCACCTGTGACACGGGATGCC
 CACTCTGTCCCAGTACATCCTCCTTGACCCCATCTGATGTTCTTCATCATGGCTGCCATGCTGAGCATG
 GTCAAGTACAACCTCCTTCGTAACAGGCCCTTCTCTGCCCCCTGGTGGTCTGGCTCAGCCTGACTGGCA
 TTAGTCTTGCTGGCGCTTAGGGGTCAAATTTGTTGGCCTCTTTATCATTGTGCAAGTGGGGTTGAACAC
 CATCTCAGACCTCTGGCACCTGTTTGGAGACCTCAGTCTTTCAGTGGTACTGTGGGAAACACCTGACT
 GCTCGCATCCTGTGCCTCATAGTGTGCCCTTGGTGTCTATGTGACCATTTTTGCTGTTTATGTCATGG
 TGCTGAATAAAAAGTGGTCTGGTGGTCTTCTCAGTTCTGCCCTTCAAGCCCGACTTTCAGGGAAACAG
 CCTTCACAATGCTTCTATCCCTGAACACTTGGCGTATGGCTCTGTAATCACTGTGAAGAACCTCCGGATG
 GCCATCGGCTACCTTCACTCCCACAGGCACCTCTACCCTGAGGGCATTGGTGCACGCCAGCAGGTTA
 CCACCTATTTGCATAAGGACTACAACAACCTGTGGATTATCAAGAAATACAATACCAACACAGATCCTCT
 AGACCCTTCCCTCCAGTGGAGTTTGTGACAGATGGGGACATCATACGACTAGAACAACAAAGAACTACT
 CGGAACCTGCACAGTCACTATCATGAGGCTCCCCTGACCCGGAAGCACTATCAGGTCAGTGGCTATGGCA
 TAAATGGGACAGGGGACTCAAATGACTTCTGGAGGATTGAAGTTGTAATAGAAAATTTGGGAACCGGAT
 CAAGGACTGAGAAGTGAATTCGCTTCCATCCATTTGGTTACAGGTTGTGCTCTGGGATCTTCAGGAAAG
 ATTCTGCCTAAGTGGGCTGGGAGCAGTTGGAAGTTACTTGTAAATCCGTAATAAAGAAACCAAGTAACT
 CCATTTGGAACATAGAAGAACATATCAATCCCAAACCTGCCAAACATCAGCCTGGATGTGCTGCAACCCAG
 TTTTCTGAGATCTTGTGGAGTCCCACATGGTCAATGATCCGGGGAAACAATGGCCTCAAACCTAAGGAC
 AATGAGTTTACATCCAAACCTGGCACTGGCCTATCAATTATCAGGGCCTGCGCTTCTCAGGGGCAATG
 ACACGGACTTCCGAGTCTATCTGCTCGGCAACCTGTGGTCTGGTGGCTCAACCTGGTGAGCCTCGTCT
 CTACCTCTCACGGGCAGCACCATTGCCATCGCCATGCAGAGAGGGATACAGCTGCCTGCAGAGTTGCAA
 GGGCTGACCAAGCTGCTGCTGCGAGGAGGTGGCCAGCTGCTCTGGGATGGACGCTCCATTACTTCCCTT
 TCTTCTGATGGGCCGCTCTTACTTCCACCCTACTTCCAGCCATGCTCTTTCCAGCATGTTGAC
 AGGTCCTCTGTGGGATACTTCTGCGGTTCTGTGCCTGGCCTTGGCCCTTCTCCCCTGGTAGGAGA
 ATACATATGGTGGGAATCCTGAGCCTGCTTCTGGCAACTGCCTACAGCTTCTACCTCTTTCACCCCTGG
 CTTATGGGATGGTGGTCCCCTAGCCCAGGAACCTGAGAGTCCAATGGCAGGACTGAGGTGGCTGGAATC
 ATGGGACTTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001047114
Insert Size: 2463 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>NM_001047114.1</u> , <u>NP_001040579.1</u>
RefSeq Size:	3097 bp
RefSeq ORF:	2463 bp
Locus ID:	688673
Cytogenetics:	6q31