

Product datasheet for **MC200901**

Ptx3 (NM_008987) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptx3 (NM_008987) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptx3
Synonyms:	A1607804; TSG-14
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC022176 sequence for NM_008987
 CCACGCGTCCGCCACGCGTCCGCCGACATTAGTCATTCATCCCCTCATGCTTTGGAGCGTTTATTAAG
 GGCTTCACTCCTGCCTCACACTATCTCTCCCGGCTCAAACCTCGGATCACTGTAGAGTCTCGCTTCTCC
 CCTGCGGCTGCGAAGCAAATTTCCGCTCTCCAGCAATGCACCTCCCTGCGATCCTGCTTTGTGCTCTCTG
 GTCTGCAGTAGTGGCTGAGACCTCGGATGACTACGAGCTCATGTATGTGAATTTGGACAACGAAATAGAC
 AATGGACTTCATCCCACCGAGGACCCACGCCATGCGACTGCCCGCAGGAGCACTCGGAGTGGGACAAGC
 GTTCATCATGCTGGAGAACTCGCAGATGCGGGAGGGCATGCTGTTGCAGGCCACCGAGAGCTCCTCCG
 TGGAGAGCTGCAGAGGCTGCGGGCAGAGCTGGGGCGGCTGGCGGGCGGCATGGCGAGGCCGTGCGCAGCC
 GGTGGCCCCGAGACGCCAGGCTGGTGCGGGCGCTGGAGCCGCTGCTGCAGGAGACCCGTGACGCGAGCC
 GCAGGCTGGCGCGCTGGAGGACGCGGAGGCGCGGCGATCCGAGGCGACAGTGTCTGGCCTAGGCGCTGT
 GCTGGAGAACTGCGGGGACGCGCGCCGACCTGAGCGCAGTGCAGAGCTGGGTGCGCCGCCACTGGCTG
 CCCGCAGTTGTGAAACAGCAATTCTTCCCAATGCGTTCGAAGAAGATTTTGGAAAGCGTGCATCCTG
 TGAGACCAATGAAGCTTGAATCTTTAGTACTTGCATTTGGGTCAAAGCCACAGATGTATTAACAAAAC
 CATCCTGTTTTCTATGGCACAAGTGAACCCCTATGAGATTCAGCTGTACCTCAGTCCCAGTCCCTA
 GTGTTGGTGGTGGTGGAAAGGAGAACAAGCTGGCTGCAGACACTGTGGTGTCCCTGGGGAGGTGGTCCC
 ACCTGTGTGGCAGCTGGAGTTCAGAGCAGGGGAGCATGTCCCTGTGGGCAAACGGGGAGCTGGTGGCTAC
 CACTGTAGAGATGGCCAAAAGTCACTCTGTTCCCTGAGGGTGGACTCCTACAGATTGGCCAAGAAAAGAA
 GGTGCTGTGTAGGTGGGGGCTTTGACGAATCATTAGCATTCTTCTGGAAGAATCACAGGCTTCAATATCT
 GGGATCGGGTTCTCAGCGAGGAGGAGATACGGGCCAGTGGAGGAGTGAATCCTGTACATCCGGGGAAA
 TGTGTCGGGTGGGGAGTACAGAGATTCAGGCGCACGGAGGAGCCAGTATGTTTCTTAAAGTGTGTGA
 AAAATCTACTTGAAGCCAAAAGGAGACTCACATTTAAATATGCCAGTTGGAAAAGTCTGAAAACCTCGGT
 GCGTAATAGACGAATGAAGGAGAGACTTGAGATTGTCTTTGTTTATCTTGGCAAAATACTGAATACACAG
 TTGAAGGGAAGGCTTGAGAGAGGGCTCCGGGATGTTGTTACTAAGCCTTATACTGTGGTCTTTCAGATT
 AATGCTGCCTCTGTGAGATAAACCCCTCAGATAACTAAACAGGACTGGACTCTGAACAGAGGGACGATTG
 TGTGACTTTTTTTTTTTTTTTTTTTGTTAATTTTTATTTTGGCCAGAGACATTTTTATATTGGAAGATAA
 CAAAACAAGCTCTGTTGCCATTGTTCTTTCTGTTGTGATTTTTGTGACAAAAGAGATGATGAGAA
 AACCATATTTATACCACAAAGTACTTATTAACGAACATAAAATGTAGCTTACGTGTATAATCCAATGTT
 CCATTTGGGAGAAGGTAGTTGTGAATTTATATTGTGAAATGATTTGTATTAATTTTTATTTTTGTAAAA
 GTCTACTGTAATAAAATGTTTTATAAAGCTTAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008987

Insert Size: 1146 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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>BC022176</u> , <u>AAH22176</u>
RefSeq Size:	1984 bp
RefSeq ORF:	1146 bp
Locus ID:	19288
UniProt ID:	<u>P48759</u>
Cytogenetics:	3 30.25 cM
Gene Summary:	Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility.[UniProtKB/Swiss-Prot Function]