

## Product datasheet for RN205834

### Ptx3 (NM\_001109536) Rat Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Ptx3 (NM_001109536) Rat Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | Ptx3   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >RN205834 representing NM_001109536<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCATCTCCCTGTGATTCTGCTTTGTGCTCTCTGGTCTGCAGTGTGGCTGAGACCTCCTATGACTATG  
AGCTCATGCATGTGAATTTGGACAACGAAATAGACAATGGACTTCATCCCACCGAGGACCCACACCATG  
CGACTGCCGCCAGGAACACTCGGAGTGGGACAAGCTGTTTCATCATGCTGGAGAACTCGCAGATGCGGGAG  
GCCATGCTGTTACAGGCCACTGACGACGTCTCCGCGGGGAGTTGCAGAGGCTGCGGGCGGAACTGGGGC  
GGCTGGCGGGCGGTATGGCGAGGCCTTGTCTCAGCCAGTGGCCCGGCAGACGCCAGGCTGGCACAGGGCGCT  
GGAGCCGCTGCTGCAGGAGAGCCGACGCGAACCAGGCTGGCACGCCTGGAAGATGCAGAGGCGCGG  
CGACACGAGGCGACAGTGCCTAGCCTAGGAGCGGTGCTGGAGAACTGCAGCGGACGCGCCGACCTGA  
GCGCCATGCAGAGCTGGGTGCTCGCCACTGGCTACCCGAGGCTGTGAAACAGCGATTTTCTTCCAAT  
GCGTTCTAAGAAGATTTTGAAGCGTGCATCCTGTGAGACCAATGAAGCTTGAATCTTTTAGTGCTTGT  
ATTTGGGTCAAAGCCACAGACGTATTAACAAAACCATCTGTTTTCTATGGCACCAAGTGAACCCCT  
ATGAGATCCAGCTGTACCTAAGTCCCAGTCCCTAGTGTGTTGGTGGTGGGAAGGAGAACAAGCTGGC  
TGCGGATACTGTGGTCTCCCTGGGAGGTGGTCCACCTGTGTGGCACGTGGAGTTCAGAGCAGGGGAGC  
ATGTCCTTGTGGCAAAATGGGAACTGGTGGCTACCACTCTGGAGATGGCCAAAAGTCAACCTGTTCTGT  
AGGGTGGACTCCTACAGATTGGCCAAGAAAAGAATGGTTGCTGTGTAGGTGGGGCTTTGACGAAACATT  
GGCATTCTTCTGGAAGAATCACAGGCTTCAATATCTGGGATCGAGTTCTCAGCAAGGAGGAGATAAGGGCA  
AGTGGGGGAGCCGAATCATGCCACATCCGGGAAACATCGTCGGGTGGGGAGTCACAGAGATTCAAGGCTC  
ATGGAGGAGCTCAGTATGTTTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1493\\_b07.zip](https://cdn.origene.com/chromatograms/ja1493_b07.zip)



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001109536  |
| <b>Insert Size:</b>           | 1146 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001109536.1</a></u> , <u><a href="#">NP_001103006.1</a></u>   |
| <b>RefSeq Size:</b>           | 1923 bp   |
| <b>RefSeq ORF:</b>            | 1146 bp   |
| <b>Locus ID:</b>              | 689388  |
| <b>Cytogenetics:</b>          | 2q31  |
| <b>Gene Summary:</b>          | may play a role in protection against seizure-induced neurodegeneration [RGD, Feb 2006]   |