

Product datasheet for **MG222465**

Ptx4 (NM_001163416) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptx4 (NM_001163416) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ptx4
Synonyms:	1110018H23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG222465 representing NM_001163416
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGGTGCTTGAAGAAGAAGACCTGCTTTTTCTCCTCATTTTTGTGTCCCTGAATGTACACAGGACTC
 CGTCACAGGAAGCTCACCCAGCCAGGCAAAGAAAGCCATTTTTGAGAGGCTCCGTCGACTAGAAGAGCA
 GAGCCTGGTGAACAGAGCCAAGCCGTAGCTCTAGCGATGAATCAGTCTCAAGCTGCCATACAAGGAGAT
 GTGGCCATTTAAAGACCTGGTATAGGAAGAGCCAGCGAAGGAGCCAGAAGGTAGATGCCGACTTCAAG
 CCTTGGACCTCTCCCTGAGCACAAAGAGCAGGCAGTGGGTAGAGAAGGAAGGGGAGCAAAAGGCACAGAG
 GGAGGCTATTGCAAGCCTGGCCCTAAGCGTTCAGGCACTACAGGATGCACTGGCCAGCCTTACACAGCAA
 GTCCACAGCCAGGGTCCAGGCTTGCTGCTCTGGAGGGACAGACAGAGGGCCTCCTCTGGTACTGTGG
 CCCTGGGGTTGACCACAGCCCCAACCCACCCAGCTTGCTCAGCGAGGCCAGGATCCTTGCAACTGTG
 GAGGGACCGCCAGGTAGCCAAGTCTTACCCCAACACAGGAGTCCCCTCATGACGTCACTGTCCACGTT
 CAGGAGATGCAGAAGTTCCAAACCCCAAGCAGTCATCAAGCAGCCCAAGGACCTACCAAGGACCAG
 GAAACATTTGCAACACGGACCCAGTGTGATTTCCCAACACCTCCACCGAAAAATGTGATCTTCTCTTAG
 CCCTGGCTTCTCATGCCCTACGAGCCCTGTCCTTCTGCAGTTGGGTCCGAATGGCCACCAGCCACCTG
 GGCACCTCCTTTCTATGCCACCAAAGACAATGACAACAAGTTAGTACTGCATGGCCGAAACTCCCTGG
 TCCCTGGTTCCATCCACTTTGTGATTGGGGACCCAGACTTCAGGGAAGTGTCCCTGAAACCACTCCTGGA
 TGGCCAGTGGCACCACATTTGTATCATCTGGACATCCGTGGAGGGCAAGTACTGGCTCCACATAGACCGA
 AGGTTAGTAGCCACCGGCTCCCGCTTACAGAGGGGCTATGAGATCCCTCCCGAGGGTCCGTTGTGCTGG
 GCCAGGAACAAGACACTGTGGGGGCGAGTTTGACAGCTCTGAGGCCTTCGTAGGGAGCATATCTGGCTT
 GGCCATCTGGGACCGGGCACTGCTCCCTAGAGAAGTTGCAAACCTGGCCCTCGGAAAAGAGCTCCCAACA
 GGCCTATTCTGACGCTACCAATGTCCTTCTGTGGTGGATTTGTGCAGAGAGCCAAATGTACCTGCC
 TGGAGCAGTGTCCATATGCCACACCG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG222465 representing NM_001163416
 Red=Cloning site Green=Tags(s)

MRCLKKKTLLFLLIFVSLNVHRTPSQEAHPARQRKPFERLRRLEEQSLVEQSQAVALAMNQSQAAIQGD
 VAHLKWTYRKSQRRSQVDARLQALDLSLSTKSQWVEKEGEQKAQREAIASLALSVQALQDALASLTQQ
 VHSQGARLAALLEGQTRASSGTVALGLTTAPNPTQLAQRGPGSLQLWRDRQVAKSSPQHRSSPHDVTVHV
 QEMQKFQTPSSHQAAPPRTYQGPGNICNTDPVLIFPNTSTENVIFLSPGFLMPLRALSFCSWVRMATSHL
 GTLLSYATKDNDNKLVLHGRNSLVPGSIHFVIGDPDFRELSLKPLLDGQWHHICIIWTSVEGKYWLHIDR
 RLVATGSRFREGYEIPPGSLVLGQEQDVTGGEFDSSEAFVGSISGLAIWDRALLPREVANLASGKELPT
 GAILTLTNVTSVGGFVQRAKCTCLEQCPYATP

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

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_001163416.1, NP_001156888.1</u>
RefSeq Size:	1492 bp
RefSeq ORF:	1359 bp
Locus ID:	68509
Cytogenetics:	17 A3.3