

Product datasheet for RN202129

Mptx1 (NM_001037642) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Mptx1 (NM_001037642) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Mptx1
 Synonyms: Mptx
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN202129 representing NM_001037642
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGAGAAGCTTATTGTCGGCACCCCTGCTTCTCACTGTTCTTTCAGGAGGTATATCACAAATCAGACATGG
 ATGGCAAGGCATTCAATTTCCCTCAAGAATCGTCCACTGCCTATGTGCCCTGATACCTCGGGTGAAGAA
 GTCAGTGCAAAACCTCACCCCTGTGTCTGAAGGCCTTACAGACCTGACCCGCCCTTACAGCATCTTCTCC
 TACAACACAAAACTCAGGACAATGAGATTCTTCTCTTTGTGCAAAATAGTGGAGAATATATGTTCTATG
 TTGGGAATTCGGCTGCCATTTTCAAGGCACCCACAAGTCTTTATGATCCAGTCCATATCTGTGTGAAGT
 GGAGTCTGCCTCTGGGATTGCAGAATTCTGGCTAAATGGAAAGCCGTTGGGGAGGAAAGGCTTGAAGAAG
 GGGTACACTGTGGGAGGTGAGGCAAGATCATTATAGGACAAGAGCAGGATTCCTTTGGGGGAAATTTTG
 ATGCAAAGCAATCTTTCGTTGGGGAAATATGGGATGTTTCCTTATGGGACCATGTGATCCCCCTAGAAGA
 GGCACATGACAGCTGTGATGGTGGCAACCTTATAAACTCCGAGCTCTTACTTACGAAGAAAATGGCTAT
 GTGGTGACTAAGCCCAAACCTGTGGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001037642
 Insert Size: 660 bp



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| 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_001037642.1</u> , <u>NP_001032731.1</u> |
| RefSeq Size: | 660 bp |
| RefSeq ORF: | 660 bp |
| Locus ID: | 289243 |
| UniProt ID: | <u>Q6TA48</u> |
| Cytogenetics: | 13q24 |