

## Product datasheet for **RN207269**

### Aptx (NM\_148889) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Aptx (NM\_148889) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Aptx  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN207269 representing NM\_148889  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCGGGTGTGCTGGTTGGTGAGACAGGACTGCTGGCACCAGCGAATCAAACCTCCCATTTAGAAGCTG  
 TTGTGATTGGTCAAGCCCGGAGACCAAGATCACAGATAAGAAATGTTCCCGACAGCAAGTACAGTTGAA  
 AGCGGAGTGTAACAAGAGATATGTCAACGTTAAGCAGATGGGGTCAATCCCACCAGATTGACGAAGTC  
 GTCATTGGGAAGGACCGGAGATGAAGCTGCTGCCTGGTCAGTTCTCCACATGGTGAATGAACTTTATC  
 CATACTGGTGGAGTTTGAGGAGGTGGCAGAGAGCCCTAACGTAACACAGAGGAAGAGAAAGAGGCCAGA  
 CTGTGATAGTCAGGAGATGGAAGCTGAGGCTGGGGCCAGCCCCAGCCAGTCTGTGTCCCTAAGACG  
 GGCAAGCATGGAGCCGCAAGGAGGAATCACTGGGCCACTGGAGTCAAGGCTTGAAGATATCTATGAAAG  
 ACCCCAAAATGCAGGTTTATAAGGATGATCAGGTGGTGGTGATTAAGGATAAATACCCCAAGGCCCGCA  
 CCACTGGCTGGTCTTACCATGGGCTCCATTTCCAGTCTGAAGGTTGTGACCAGTGAACACCTCGAACTT  
 CTCAAACACATGCACGCAGTAGGGGAAAAGGTGATAGCAGATTTTACTGGATCCAGCAAACCTGCGCTTC  
 GACTGGGTTACCATGCCATTTCCAGCATGAGCCATGTACATCTTCATGTGATCAGCCAGGATTTTGATTC  
 TCCTTGCCTTAAAAACAAAAGCATTGGAATCTTTCAATACAGAATATTTTCTGGAGTCACAAGCTGTG  
 ATCAAGATGGTTCAGGAAGCTGGCAGAGTGACTGTTAAAGATGGGACTTGCGAACTCTTGAAGCTGCCTC  
 TCCGTTGCCATGAGTGTGAGCAGCTGCTGCCTCCATCCCACAGCTGAAGGAGCACCTCAGGAAGCACTG  
 GGGCGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_148889  
 Insert Size: 990 bp



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<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>	<a href="#">NM_148889.2</a> , <a href="#">NP_683687.1</a>
<b>RefSeq Size:</b>	1439 bp
<b>RefSeq ORF:</b>	990 bp
<b>Locus ID:</b>	259271
<b>UniProt ID:</b>	<a href="#">Q8K4H4</a>
<b>Cytogenetics:</b>	5q22
<b>Gene Summary:</b>	human homolog may play a role in DNA repair [RGD, Feb 2006]