

## Product datasheet for RN203971

### Atoh8 (NM\_001109241) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Atoh8 (NM\_001109241) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Atoh8  
 Synonyms: RGD1561512  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN203971 representing NM\_001109241  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCACATCCCGTCTCGAGGATGGGCCGTGGAAGACCGTGTGCGTGAAAGAGCTGAACGGCCTCA  
 AGAAGCTCAAGCGAAAGGCAAGGAGCCGGTCCGGCGCGAATGGCTATAAACTTTCCGATTGGACTT  
 GGAAGCTCCCGAGTTCGGCGCCACGGCCAGCGCCACCGCCACCAACGGTCTCCGGGACAGGACACAA  
 CCGTTCGGATCGCGACCCAGTACCAGCCTCTGTGGCGCGGGTTCCTCCAGGTGGAGGCACAGACA  
 CAGCCAGGAATTCCGGGCATCAGAGCGCCTGAGGTCTCAGACGCGCGAAACGCGTTTCGCTCTGGG  
 CACAGTGGGACCGGACTACCCACGCCACCGCCACCTCCCGCGTCCAGAGCTTGGCACCCGGGATCCC  
 GAGGTGCAGCCCTTACGCGAGCAGGCTCTGCGTCCCCGCATCTTGCTGTGCGCCCTCCCGCGCTCCCA  
 CGCCGTCCCGCCTCTCGCACCCACAGCGGTGCCACAAGAGTCCCCCGTGCGCCCTGCGCCCCACGCG  
 CCCGGGGAAAGTTCTACTCGTCAATTTACACGTAATTTACAATAACCACCCGGATTCTTCCGCGTGC  
 CCTAGGAAACGGCCAGGCGAAGCGACCGCCGCTCCACCGAGATCAAAGCCCTGCAGCAGACCCGGAGGC  
 TCCTGGCAACGCCAGGGAGCGGACGCGGTGCACACCATCAGCGCAGCCTTTGAGGCGTGAGGAAGCA  
 GGTGCCCTGCTACTCCTATGGGCAGAAGCTGTCCAATGGCCATCCTGAGGATTGCCTGTAACATACATC  
 CTGTCCCTGGCGGGCTGGCTGACCTGGACTACAGTGCCGACCACAGCAACCTCAGCTTCTCCGAGTGTG  
 TGCAGCGCTGCACCCGCACCTGCAGGCAGAAGGACGTGCCAAGAAGCGTAAGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001109241



<b>Insert Size:</b>	969 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_001109241.1</a></u> , <u><a href="#">NP_001102711.1</a></u>
<b>RefSeq Size:</b>	2375 bp
<b>RefSeq ORF:</b>	969 bp
<b>Locus ID:</b>	500200
<b>Cytogenetics:</b>	4q31