

Product datasheet for **MC209934**

Atoh7 (NM_016864) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atoh7 (NM_016864) Mouse Untagged Clone
Tag: Tag Free
Symbol: Atoh7
Synonyms: bHLHa13; Math5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >NM_016864.1
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTCGGCCTGCAAACCCACGGCCCTCCGGCGGGAGCTCGCGGCGGCCCCCGTGC GCGGGCGCAG
CCGAGCGCGGGTCTCGTGC GCGGGGCCGGCGGCTGGAGAGCGCGCGCAGGCGTCTGGCGGCCAA
CGCGCGGAGCGGCGCCGATGCAGGGGTGAACACGGCGTTCGACCGGCTGCGCAGGGTGGTGC GCGAG
TGGGGCCAGGACAAGAAGCTGTCCAAGTACGAGACTGCAGATGGCGCTCAGCTACATCATCGCGCTCA
CCCGCATCTAGCCGAAGCCGAGCGGGACTGGGTGGGCTGCGCTGCGAGCAGCGGGGCCGCGATACCC
CTACCTCCCTTTCCCGGGTGTAGGCTCCAGGTAGACCCTGAGCCCTATGGGCAGAGGCTCTTCGGCTTC
CAGCCGGAGCCCTTCCCATGGCCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1519_e01.zip
Restriction Sites: SgfI-MluI
ACCN: NM_016864
Insert Size: 450 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:	NM_016864.1 , NP_058560.1
RefSeq Size:	450 bp
RefSeq ORF:	450 bp
Locus ID:	53404
UniProt ID:	Q9Z2E5
Cytogenetics:	10 32.54 cM
Gene Summary:	Transcription factor involved in the differentiation of most retinal ganglion cells, including those constituting the retino-hypothalamic tract.[UniProtKB/Swiss-Prot Function]