

## Product datasheet for **MC216969**

### **Pax7 (NM\_011039) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pax7 (NM_011039) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pax7
Synonyms:	Pax-7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216969 representing NM\_011039  
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCGGCGCTGCCCGGCGCGGTCCCCAGGATGATGAGACCCGGCCCGGGCAGAACTACCCGCGCACCG  
GCTTCCCCCTGGAAGTGTCCACCCCTCTTGCCCAAGGCCGGTCAATCAGCTTGGTGGGGTCTTCATCAA  
CGGTGACCCCTGCCGAACCACATCCGTACAAGATAGTGAAATGGCCACCATGGCATCCGGCCCTGC  
GTCATCTCCCGTCAGCTCCGTGTTTCCCATGGTTGTGTCTCCAAGATTCTGTGCCGATATCAGGAGACTG  
GGTCCATCCGGCCCGGGCTATCGGAGGAGCAAGCCAGACAGGTGGCGACTCCGGATGTGGAGAAAA  
GATTGAGGAGTAAAGAGAGAGAACCCCGGATGTTTCCAGTGGGAAATCCGGGACCGGCTGCTGAAGGAC  
GGTCACTGCGACCGAAGCAGGTGCCCTCAGTGAGTTCGATTAGCCGAGTGTCTCAGAATCAAGTTCGGGA  
AGAAAGAGGACGACGAGGAAGGAGACAAGAAAGAAGAAGTGGCGAGAAGAAAGCCAAACACAGCATCGA  
TGGCATCTGGGCGACAAAGGGAACCGTCTGGATGAGGGCTCAGATGTGGAATCAGAACCCGACCTCCCC  
CTGAAGCGCAAGCAGCGCCGAGTCGGACCACGTTACAGCCGAGCAGCTGGAGGAGCTGGAGAAGGCTT  
TCGAGAGGACCCACTACCCGGACATCTACACCCGGGAGGAGCTGGCACAGAGGACCAAGCTCACGGAGGC  
ACGCGTCCAGGTCTGTTTCACTAACCCGCGTGCCCGCTGGCGTAAGCAGGCAGGAGCTAACCCAGTGGCC  
GCCTTCAACCACCTTCTGCCGGGAGGTTTCCCACCCACCGGATGCCACGCTGCCACCCTACCAGTGC  
CGGACTTACCTACCCACCCACCATCTCCAAGATGGAGGCAGCACAGTACACAGGCCCCAGCCCTT  
TCCGCCATCAACCATGCATCAGGGTGGGCTGGCTGCGGCCGCTGCAGCAGCGGACACCAGCTCTGCCTAC  
GGAGCCCGCCACAGCTTCTCCAGCTACTGTACAGCTTTCATGAACCTGGGGTCCCTCCAACCACATGA  
ACCTGTACGCAATGGCCTGTCTCTCAGTTCATGAGCATCTTAGCAACCCGAGTGCCTGCCATCCACA  
GCCCCAGGCCGACTTCTCCATCTCCCCGCTGCATGGAGGCTGGACTCGGCTTCTCCATCTCAGCCAGC  
TGACGCCAACGGGCCGACTCCATCAAGCCAGGAGACAGCTTGCCACGTCCTCCAGTCTTACTGCCACCCA  
CCTACAGCACCCTGGCTACAGTGTGGACCCTGTGGCTGGCTACCAGTACAGCCAGTATGGCCAACTGC  
TGTTGATTACCTGGCCAAAAACGTGAGCCTGTCCACACAGCGCGTATGAAGCTTGGGGAACACTCCGCT  
GTGCTGGGACTTCTCTGTGGAACGGGACAAGCCTACTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1715\\_c08.zip](https://cdn.origene.com/chromatograms/ja1715_c08.zip)

Restriction Sites: SgfI-RsrII

ACCN: NM\_011039

Insert Size: 1512 bp

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).

<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_011039.2</a> , <a href="#">NP_035169.1</a>
<b>RefSeq Size:</b>	4275 bp
<b>RefSeq ORF:</b>	1512 bp
<b>Locus ID:</b>	18509
<b>UniProt ID:</b>	<a href="#">P47239</a>
<b>Cytogenetics:</b>	4 70.83 cM
<b>Gene Summary:</b>	Transcription factor playing a role in myogenesis through regulation of muscle precursor cells proliferation.[UniProtKB/Swiss-Prot Function]