

## Product datasheet for **MC219869**

### **Foxj3 (NM\_172699) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxj3 (NM_172699) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxj3
Synonyms:	C330039G02Rik; Fhd6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219869 representing NM\_172699  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTTTGTATGGACAAGCTTGTCCATCTGTAACCTCATTAAAGGATGACATCTGAACTGGAGAGCAGCC  
 TAACATCTATGGACTGGTTACCCAGCTCACCATGAGAGCAGCCATCCAGAAATCTGATGCTACACAAAA  
 TGCACATGGAACGGGAATTTCTAAGAAGAATGCACTCCTTGACCCAAATACAACACTGGACCAGGAAGAA  
 GTCCAACAGCACAAAGATGGAACCTCCGTACAGCTATGCCAGCCTCATCACATTTGCAATTAATAGCT  
 CACCTAAAAAGAAGATGACATTAAGTGAGATTTACCAATGGATTTGTGATAACTTTCCGTATTATAGAGA  
 AGCTGGCAGTGGTTGGAAGAATTCTATACGACATAATCTGTCACTGAACAAATGTTTCCTAAAGTGCT  
 CGGTCCAAGGATGATCCCGAAAGGGTTCTTACTGGGCAATAGACACCAATCCGAAGGAAGACACGCTGC  
 TACTCGGCCAAAGAAGAGGGCAAGATCCGTAGAACGGGCCTCACTCCATATAGCATAGATTAGATTCC  
 TTTGGGAATGGAGTGATTATTTGGGAAGTGCCTCTCCAACCTTGCAATCAACACTGTGACTAACAAA  
 GTAACATTGTACAACGCTGACCAGGATGGTAGTAGCCCTCGAAGCAGCCTTAACAACAGTCTCTCAG  
 ACCAGAGTTTGGCGTCTGTTAATTTGAACAGTGTGGAAGTGTACATAGTTATACACCGGTCACTAACCA  
 TCCAGAACCAGTCTCTCAGCCATTAACACCTCAGCAGCAGCAGCCACAGTACAACCTTCCAGAACGA  
 GAAAAACAACCTCTTTTACAGAATAACAATTTGAAGTCTCAGTGCCTCATTTCCGAGTCTTTATAAGT  
 CAGTTTTTGAGCAGTCACTTAGTCAACAAGTTAATGAGCATCCCTTCGGAATCTTCCCAACAGTCCCA  
 CACTTCATGTTCCATCAACACTCTCCTAGCAGTACAGTGACCTCACCACACAGCAACCAAGCAGC  
 CTGCCAACAAATCACAGTGGCCTCAGTGCCACAGGTAGTAATTCGGTTGCACAGGTCTCGCTGTCCACC  
 CCCAGCAGCCCCAGCCCTCTCCACATACACCCATAGACCCGATGGTTTACCCAGCACCCACAGCG  
 TCCCAGCACCCAGCACACCCACAGCAACACAGCCAGCTACAGCCGCTCACTCCCAGCACCCCTCT  
 CCACATCAGCACATAACAACCATCCGAACCATCAGCATCAGACATTAGCACATCAGCCACCGCCACCCC  
 CGCAACAGGTATCCTGTAATTCTGGTGTTCAGTGATTGGTATGCAACACTCGATATGTGAAGGAAAG  
 CTGTGCAATTGCCAGCAGTGTTAACTGGTCAGATGTAGACCTTTCACAGTTCCAAGGTCTGATGGAGAGT  
 ATGAGGCAGGCGGATCTCAAGAAGTGGTATTAGATCAGGTTAGTTCGCTGATCTCTGTTCTCTCTTA  
 ATCAGTTCTTACACAGACTGGCCTTATCCACTCGCAGAGTAATGTTCCGCAGAATGTCTGTCACGGTGC  
 CATGCACCCAGCAAAGCCTTCCCAACACATCGGGCAGGAAATTTGTACATAGATTCCAGGCAAAGTCTC  
 CCTCCCTCAGTGATGCCACCCCTGGTTATCCTCATATTCACAGCGCTCAACACTCCAGGAACTACGA  
 TGGCAGGTATCAGGAGCCATGAACCAGCAGCATGATGCCTTCCCAAGCCTCCCGATCGGGCGCCC  
 TCTGCCTCCAGATGACATCCAGGATGACTTTGATTGGGATTCAATAGT**GTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_172699
- Insert Size:** 1872 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).

**Reconstitution Method:**

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\\_172699.3](#), [NP\\_766287.1](#)

**RefSeq Size:** 4808 bp

**RefSeq ORF:** 1872 bp

**Locus ID:** 230700

**UniProt ID:** [Q8BUR3](#)

**Cytogenetics:** 4 D2.1

**Gene Summary:** Transcriptional activator of MEF2C involved in the regulation of adult muscle fiber type identity and skeletal muscle regeneration (PubMed:19914232).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer isoform (1). Variants 1 and 2 encode the same isoform (1).