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Product datasheet for MC228393

Foxj3 (NM_001290696) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxj3 (NM_001290696) 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:

>MC228393 representing NM_001290696
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGTTTGTATGGACAAGCTTGTCCATCTGTAACTTCATTAAGGATGACATCTGAACTGGAGAGCAGCC
TAACATCTATGGACTGGTTACCCCAGCTCACCATGAGAGCAGCCATCCAGAAATCTGATGCTACACAAAA
TGCACATGGAACGGGAATTTCTAAGAAGAATGCACTCCTTGACCCAAATACAACACTGGACCAGGAAGAA
GTCCAACAGCACAAAGATGGAAAACCTCCGTACAGCTATGCCAGCCTCATCACATTTGCAATTAATAGCT
CACCTAAAAAGAAGATGACATTAAGTGAGATTTACCAATGGATTTGTGATAACTTTCCGTATTATAGAGA
AGCTGGCAGTGGTTGGAAGAATTCTATACGACATAATCTGTCACTGAACAAATGTTTCCTTAAAGTGCCT
CGGTCCAAGGATGATCCCGGAAAGGGTTCTTACTGGGCAATAGACACCAATCCGAAGGAAGACACGCTGC
CTACTCGGCCAAAGAAGAGGGCAAGATCCGTAGAACGGGTAACATTGTACAACGCTGACCAGGATGGTAG
TGATAGCCCTCGAAGCAGCCTTAACAACAGTCTCTCAGACCAGAGTTTGGCGTCTGTTAATTTGAACAGT
GTTGGAAGTGTACATAGTTATACACCGGTCACTAACCATCCAGAACCAGTCTCTCAGCCATTAACACCTC
AGCAGCAGCAGCAGCCACAGTACAACCTTCCAGAACGAGAAAAACAACTCCTTTTCACAGAATACAATTT
TGAAGATCTCAGTGCCTCATTTCGGAGTCTTTATAAGTCAGTTTTTGAGCAGTCACTTAGTCAACAAGGT
TTAATGAGCATCCCTTCGGAATCTTCCCAACAGTCCCACACTTCATGTTCCTATCAACACTCTCCTAGCA
GTACAGTGACCTCTCACCCACACAGCAACCAAAGCAGCCTGCCCAACAATCACAGTGGCCTCAGTGCCAC
AGGTAGTAATTCGGTTGCACAGGTCTCGCTGTCCCACCCCCAGATGCACCCCCAGCCCTCTCCACATACA
CCCCATAGACCGCATGGTTTACCCCAGCACCCACAGCGTCCCCAGCACCCAGCACCACACCCACAGCAAC
ACAGCCAGCTACAGCCGCCTCACTCCCAGCACCCCCCTCCACATCAGCACATACAACACCATCCGAACCA
TCAGCATCAGACATTAGCACATCAGCCACCGCCACCCCCGCAACAGGTATCCTGTAATTCTGGTGTTTCA
AGTGATTGGTATGCAACACTCGATATGCTGAAGGAAAGCTGTCGAATTGCCAGCAGTGTTAACTGGTCAG
ATGTAGACCTTTCACAGTTCCAAGGTCTGATGGAGAGTATGAGGCAGGCGGATCTCAAGAACTGGTCATT
AGATCAGGTTCAGTTCGCTGATCTCTGTTCCTCTCTTAATCAGTTCTTCACACAGACTGGCCTTATCCAC
TCGCAGAGTAATGTTCCGCAGAATGTCTGTCACGGTGCCATGCACCCAGCAAAGCCTTCCCAACACATCG
GGGCAGGAAATTTGTACATAGATTCCAGGCAAAGTCTCCCTCCCTCAGTGATGCCACCCCCTGGTTATCC
TCATATTCCACAGGCGCTCAACACTCCAGGAACTACGATGGCAGGTCATCACGGAGCCATGAACCAGCAG
CACATGATGCCTTCCCAAGCCTTCCCGATGCGGCGCCCTCTGCCTCCAGATGACATCCAGGATGACTTTG
ATTGGGATTCAATAGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001290696

Insert Size: 1770 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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).

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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_001290696.1, NP_001277625.1
RefSeq Size:	4706 bp
RefSeq ORF:	1770 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 (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform 2, which lacks an internal segment and is shorter, compared to isoform 1.

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