

Product datasheet for **MC216161**

Foxn3 (NM_183186) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxn3 (NM_183186) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxn3
Synonyms:	5430426H20Rik; AA589593; AW556347; Ches1; Ches1l; HTLFL1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216161 representing NM_183186
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGTCCAGTCATGCCTGCCAGTAAGAAGGCCGAGAGCTCAGGAATCAGTGTGTCCAGTGGACTGAGTC
 AGCGTTACCGGGCAGCGGTTTCTCCAAGGCCCTCCAGGAAGACGATGATCTTGACTTCCCTCTGCCCGA
 CATCCGATTAGAAGAGGGGGCCATGGAAGATGAAGAGCTGACCAACCTGAACTGGCTGCATGAGAGCAAG
 AACTTGCTGAAGAGCTTTGGGGAGTCGGTCTTAGGAGTGTGAGTCTGTGCAGGACCTAGACGATGACA
 CCCCACCATCCCCTGCCACTCGGACATGCCCTATGATGCCAGGCAGAACCCCAACTGCAAGCCCCCTA
 CTCCTTAGCTGCCTCATATTTATGGCCATCGAGGACTCTCCGACCAAGCGCCTCCAGTGAAGGACATC
 TACAACTGGATCTTAGAACATTTCCCGTATTTTGCAAATGCACCTACTGGGTGGAAGAACTCAGTGAGAC
 ACAACTTGTATTGAATAAGTGTTCAGAAAAGTGGACAAAGAGAGGAGTCAGAGTATTGGGAAAGGGTC
 ATTGTGGTGCATCGACCCAGAGTATAGACAAAATCTAATTCAGGCTCTGAAAAAGACACCTTACCACCCA
 CCTCCTACTCCTCAGGCTTATCAAAGCACATCAGGTCCACCCATCTGGCCGGGCAGTACCTTCTCAAGA
 GAAACGGAGCCCTCCTGCAAGTTTCTCCAGGAGTGATACAAAATGGAGCGAGGGTCTGAGTCGAGGGCT
 GTTTCCTGGTGTCCGGCCGTTACCAATCACTCCCATTGGGATGACGGCAGCCATAAGGAATAGCATCACC
 AGTTGCAGGATGCGGACTGAGAGCGAGCCCCATGTGGCTCCCCAGTGGTCAGTGGCGATCCGAAGGAGG
 ACCACAACACAGTAGTGCCAAAGTCTCCACTGCCCGGAGCACCTCTCCCACAGCGACTCCATCTCCTC
 TTCTCCTCCTCAGCCGACGACCACTATGAGTTTGCTACGAAGGGGAGCCAGGAGGGCAGTGAGGGAAGC
 TTCCAGAGCCATGAGAGCCACAGTGAACCAGAGGAGGAGGACCGAAACCCAGCCGAAGGAAGGCAAGG
 ATGCCCTGGGGGACAGCGGATACGCATCCAGCACAGAAGAAGCGCCAGCACTTCGCCAAGGCCAGGAAGGT
 CCCCAGCGACACACTGCCCTCAAAAAGAGACGCACGGAGAAGCCGCCGAGAGCGATGACGAGGAGATG
 AAGGAGGCGGCCGTTCACTCCTGCACTTAGCAGGATTTCGGTCTGTTGAACAACATACCAATCGGA
 CGGCCAAGGGGCAGAAAGAACAAAAGGAAACCGCAAAAAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_183186

Insert Size: 1374 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_183186.2](#), [NP_899009.2](#)

RefSeq Size: 2611 bp

RefSeq ORF: 1374 bp

Locus ID: 71375

UniProt ID: [Q499D0](#)

Cytogenetics: 12 E

Gene Summary: Acts as a transcriptional repressor. May be involved in DNA damage-inducible cell cycle arrests (checkpoints) (By similarity).[UniProtKB/Swiss-Prot Function]