

Product datasheet for **MC208495**

Foxn2 (NM_180974) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxn2 (NM_180974) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxn2
Synonyms:	3230402J05Rik; 6030465J18Rik; Fkh19; Foxn1; HTLF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC208495 representing NM_180974
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCCAGTAATTGGAATGACTCCAGATAAGAGAGCTGAGACCCCGGAGCTGAGAAGGTTGCAGGAC
 TGAGTCAGATTTACAAAATGGGAAGTTGCCTGAAGCTGGGGATGCTGCCAGGCCAAAGGCCACTTTGT
 GGGCAGTGAGTCAGCAGATGACGAGCTAACAACTTGAAGTGGCTTCATGAGAGCAGTAACCTTCTAACA
 AACCTCAGACTTGGAAAGTGAAGGCCCTCCCATGGTCAGTCCGCTGTATGACATAGAGGGAGATGAGATGC
 CATCCTTTGGACCATCGTGTACCAGAACCAGAAAAAATCAGCAACTCAAAGCCCCGTACTCCTT
 TAGTCTTCTCATTATATGGCTATTGAACACTCGCCAAATAAATGTTTGCCTGTCAAAGAAATTTACAGC
 TGGATTCTGGATCGTTCACATACTTGGCACTGCACCTACAGGCTGGAAGAATTCTGTTCCGCATAATC
 TATCCCTGAATAAATGTTTTAGAAAAGTGGAAAAGTCAATGGCAAGGTTAATGGAAAAGGCTCCTGTG
 GTGCGTTGATCCAGAATAAAGCCCAATCTTATGCAGGCCTTAAAGAAGCAGCCTTTTTCTCTCCACAA
 AGTGCTGCTTTATCACCTCACTGCTTAAGCTCTGCTCTCAAGCAAAGCCAAGTGCAAACCTCTCCAAGAAT
 CTGACATTGATGCAGCCACTGCAATGATACTTTTAAATACTTCAATAGAACAAGAGATTTTGAATGTGA
 GAAGCCACTGCCTCTTAAACATCACTGCAGAAGAAGAGGAGTTACGGCAGCGCGTTCAAGTCCCGCCGT
 GCTGTGCGACTGCAGGAGAGCCCGTCTCCAACCGCCGCATCGACCCAAAAGCCGACCATAACTACAGTG
 CCAACAGCGTGGCGGCCAGCGCTGCGCATCCAGGGCGAGCATGTCTTCTGTCTCTGTGGATGAGGT
 GTATGAATTCATCCAAAGAGCAGCCACGGCGGGAGCGAGGTTAGCGAAGGCTTCCACAGCGACGAGGAG
 ACGGATGCGGAGGACGAGGAGGATCCTCTGGGAGACAGTGGCTACGCACCGAAGCTCGTGGACACAGTA
 CTCTGAAAGGGCAGCCAGGCAAAAAGATCCCAAAACAGTCTGTCAAGAGATTGATGAGGAGCTCAAAGA
 GGCAGCCGGTTCGCTGCCACCTTGTGGAATCCGCACCTGCCTGGTTCCTGATAAGTACTGCGAAG
 GCACAGAGTCAGAAGCACCGGAAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2135_d08.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_180974

Insert Size: 1290 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<u>NM_180974.4</u> , <u>NP_851305.2</u>
RefSeq Size:	5101 bp
RefSeq ORF:	1290 bp
Locus ID:	14236
Cytogenetics:	17 E4