

Product datasheet for **MG207300**

Foxn3 (NM_183186) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxn3 (NM_183186) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Foxn3
Synonyms:	5430426H20Rik; AA589593; AW556347; Ches1; Ches1l; HTLFL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207300 representing NM_183186
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCCAGTCATGCCCTGCCAGTAAGAAGGCCGAGAGCTCAGGAATCAGTGTGTCCAGTGGACTGAGTC
 AGCGTTACCGGGCAGCGGTTTCTCCAAGGCCCTCCAGGAAGACGATGATCTTGACTTCCCTCTGCCCGA
 CATCCGATTAGAAGAGGGGGCCATGGAAGATGAAGAGCTGACCAACCTGAACTGGCTGCATGAGAGCAAG
 AACTTGCTGAAGAGCTTTGGGGAGTCGGTCTTAGGAGTGTGAGTCTGTGCAGGACCTAGACGATGACA
 CCCCACCATCCCCTGCCACTCGGACATGCCCTATGATGCCAGGCAGAACCCCAACTGCAAGCCCCCTA
 CTCCTTAGCTGCCTCATATTTATGGCCATCGAGGACTCTCCGACCAAGCGCCTTCCAGTGAAGGACATC
 TACAACTGGATCTTAGAACATTTCCCGTATTTGCAAATGCACCTACTGGGTGGAAGAACTCAGTGAGAC
 ACAACTTGTATTGAATAAGTGTTCAGAAAAGTGGACAAAGAGAGGAGTCAGAGTATTGGGAAAGGGTC
 ATTGTGGTGCATCGACCCAGAGTATAGACAAAATCTAATTCAGGCTCTGAAAAAGACACCTTACCACCCA
 CCTCTACTCCTCAGGCTTATCAAAGCACATCAGGTCCACCCATCTGGCCGGGCAGTACCTTCTCAAGA
 GAAACGGAGCCCTCCTGCAAGTTTCTCCAGGAGTGATACAAAATGGAGCGAGGGTCTGAGTCGAGGGCT
 GTTTCCTGGTGTCCGGCCGTTACCAATCACTCCCATTGGGATGACGGCAGCCATAAGGAATAGCATCACC
 AGTTGCAGGATGCGGACTGAGAGCGAGCCCCATGTGGCTCCCCAGTGGTCAGTGGCGATCCGAAGGAGG
 ACCACAACACAGTAGTGCCAAGTCTCCACTGCCCGGAGCACCTCTCCCACAGCGACTCCATCTCCTC
 TTCTCCTCCTCCGCCGACCACTATGAGTTTGTACGAAGGGGAGCCAGGAGGGCAGTGAGGGAAGC
 TTCCAGAGCCATGAGAGCCACAGTGAACCAGAGGAGGAGGACCGGAAACCCAGCCGAAGGAAGGCAAGG
 ATGCCCTGGGGGACAGCGGATACGCATCCAGCACAAAGAAGCGCCAGCACTTCGCCAAGGCCAGGAAGGT
 CCCAGCGACACACTGCCCTCAAAAAGAGACGCACGGAGAAGCCGCCGAGAGCGATGACGAGGAGATG
 AAGGAGGCGGCCGTTCACTCCTGCACTTAGCAGGATTTCGGTCTGTTTGAACAACATACCAATCGGA
 CGGCCAAGGGGCAGAAAGAACAAAAGGAAACCGCAAAAAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207300 representing NM_183186
 Red=Cloning site Green=Tags(s)

MGPVMPASKKAESSGISVSSGLSQRVYRSGFSKALQEDDDLDFPLDIRLEEGAMEDEELTNLNWLHESK
 NLLKSFGESVLRVSPVQDLDDDTPPSPAHSDMPYDARQNPNCPPYFSCLIFMAIEDSPTKRLPVKDI
 YNWILEHFPYFANAPTGWKNSVRHNLNLNCFKKVVKERSQSIGKSLWCIDPEYRQNLIQALKKTPYHP
 PPTPQAYQSTSGPPIWPGSTFFKRNALLQVSPGVIQNGARVLSRGLFPGVRPLPITPIGMTAAIRNSIT
 SCRMRTESEPPCGSPVSGDPKEDHNYSSAKSSTARSTSDSISSSSSSADDDHYEFATKGSQEGSEGS
 FQSHESHSEPEEEDRKPSPKEGKDALGDSGYASQHKRQHFQAKARKVPSDTLPLKRRRTEKPPESDDEEM
 KEAAGSLLHLGIRSLNNTNRATKGGQKEQKETAKN

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

OTI Disclaimer:	<p>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.</p> <p>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</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	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]