

## Product datasheet for RN202572

### Foxq1 (NM\_022858) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Foxq1 (NM_022858) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxq1
Synonyms:	Hfh-1; Hfh1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202572 representing NM_022858 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGAAATTGGAGGTATTTGCCCCACGCGCAGCCACGGGGACAAGATGGGCAGTGACCTGGAGGGGGCCG  
GCAGCAGCGACGTGCCATCTCCGCTGTCCGCGGCTGGCGCAGACTCCTTAGGCTCTGACGGGACTGTGC  
AGCCAACAGCCCGCGGGGGCAGAGGGCCCGTGGATCTGGAAGCGGGCGGGCAGAGGAATTCGAGT  
GGCGGGGCGAGCACCCAAGACGATCCCGAGGTGACCGATGGCAGCAGAACGCAGGCCTCCCGGTGGGGC  
CGTGCGCGGGCAGCGTGGGCGGGGTGAGGGCGCGCGCAGCAAGCCGTACACGCGGGGCCAAGCCCCC  
CTACTCTACATCGACTCATCGCCATGGCCATCCGCGACTCCGCGGGCGGACGCCTGACGCTGGCCGAG  
ATCAACGAGTACCTCATGGGCAAGTTCCCTTTTTCCGGGGCAGCTACACGGGCTGGCGCAACTCCGTGC  
GCCACAACCTCTCGCTCAACGACTGTTTCGTCAAGGTGCTGCGCGACCCCTCGCGGCCCTGGGGCAAGGA  
CAATTACTGGATGCTCAACCCCAACAGCGAATACACCTTCGCCGACGGGGTCTCCGCGCCGCCGCAAG  
CGCCTCAGCCACCGGACCACAGTCTCCGATCGGGCTACGGCCGGAGGAAGCCCCACCCGACCTGCGG  
GGACCCCGACCCCGCGCCACCGCGGCTCCTCCCAATCGCGCGCTCGCCCGTCCAGGAGGAGGG  
CTCCAGCCCGGGCAGCAAGTTCTCCAGCTCCTTCGCCATCGACAGCATCCTCAGCAAGCCGTTTCGCAGC  
CGCCGCGACGGGACCCGGCTCTGGGGTGCAGTACCCTGGAGCGCTGCTCCCTGCCCGCGCTGCGCG  
CCTATCCCGCGCTCCTCCCGCGTCTCCGCGGCTGCCCTGCTGCCGCTGTGTCTACGGCGGGGCGA  
GCCACGCTGCTGGCGTCCGCGGGGGCAGGTGCAGCCCGCGGCGCCCTGTTGCTGGCGCCCTCTCC  
ACCGGGGGCCAGCCAAGCATTTCGAGGTCCGGAGACCAGCGCGGGCGCACCTGTACTGCCCTAC  
GGCTGCCACGGCCCTGCAGGCGCGCGGCTGCGGTCCGGTCCGCACCTGTCTACCGGTGGAGAC  
GCTGCTAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_022858
<b>Insert Size:</b>	1203 bp
<b>OTI Disclaimer:</b>	<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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> 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. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_022858.2</a> , <a href="#">NP_074049.2</a>
<b>RefSeq Size:</b>	2634 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	64826
<b>Cytogenetics:</b>	17p12
<b>Gene Summary:</b>	a liver transcription factor that mediates the expression of a number of hepatocyte-specific genes [RGD, Feb 2006]