

## Product datasheet for **RR202572**

### Foxq1 (NM\_022858) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Foxq1 (NM\_022858) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Foxq1  
**Synonyms:** Hfh-1; Hfh1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR202572 representing NM\_022858  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAATTGGAGGTATTTGCCCCACGCGCAGCCACGGGACAAGATGGGCAGTGACCTGGAGGGGGCCG  
 GCAGCAGCGACGTGCCATCTCCGCTGTCCGCGGCTGGCGACGACTCCTTAGGCTCTGACGGGGACTGTGC  
 AGCCAACAGCCCGCGCGGGCAGAGGCCCGTGGATCTGGAAGCGCGCGCGGAGAGGAATTCGAGT  
 GCGGGGGCAGCACCCAAGACGATCCCAGGTGACCGATGGCAGCAGAACGCAGGCCCTCCCGGTGGGG  
 CGTGCGCGGGCAGCGTGGGCGGGTGGAGGCGCGCAGCAAGCCGTACACGCGCGGCCCAAGCCCC  
 CTACTCCTACATCGCACTCATCGCCATGGCCATCCGCGACTCCGCGGGCGGACGCCCTGACGCTGGCCGAG  
 ATCAACGAGTACCTCATGGGCAAGTTCCCTTTTTCCGGGGCAGCTACACGGGCTGGCGCAACTCCGTGC  
 GCCACAACCTCTCGCTCAACGACTGTTTCGTCAAGGTGCTGCGCGACCCCTCGCGGCCCTGGGGCAAGGA  
 CAATTACTGGATGCTCAACCCCAACAGCGAATACACCTTCGCCGACGGGGTCTTCCGCCCGCCGCCGAAG  
 CGCCTCAGCCACCGGACCACAGTCTCCGCATCGGGGCTACGGCCGGAGGAAGCCCCACCCGGACCTGCGG  
 GGACCCCGCAGCCCGCGCCACCGCCGGTCTCTCCCAATCGCGCGCTCGCCCGCTCGCCAGGAGGAGGG  
 CTCCAGCCCGGAGCAAGTTCTCCAGTCTCTCGCCATCGACAGCATCCTCAGCAAGCCGTTTCGCAGC  
 CGCCGCGACGGGACCCGGCTCTGGGGTGCAGTACCCTGGAGCGCTGCTCCCGCCGCTGCGCG  
 CCTATCCCGCGTCTTCCCGCGTCCGCGCGGTGCCCTGCTGCGCTCTGTGCTTACGGCGCGGGCGA  
 GCCCACGCTGCTGGCGTCCGCGGGGCGGAGGTGCAGCCCGCGGCGCCCTGTTGCTGGCGCCCTCTCC  
 ACCGCGGCCCCAGCCAAGCCATTTCCAGGTCCGGAGACCGCGCGCGGCGCACCTGTAAGTCCCTAC  
 GGCTGCCACGGCCCTGCAGGCGCGCGGCTGCGGTCCGGTCCGCACCTGTCTACCGGGTGGAGAC  
 GCTGCTAGCT

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR202572 representing NM\_022858  
Red=Cloning site Green=Tags(s)

MKLEVFAPRAAHGDKMGSDLEGAGSSDVPSPLSAAGDDSLGSDGCAANSPAAGRGAVDLEGGGGERNSS  
 GGASTQDDPEVTDGSRTOASPVGPCAGSVGGEGARSKPYTRRPKPPYSYIALIAMAIRDSAGGRLTLAE  
 INEYLMGKFPFFRGSYTGWRNSVRHNLNLNDCFVKVLRDPSRPWGDNYWMLNPNSEYTFADGVFRRRRK  
 RLSHRTTVSASGLRPEEAPPGPAGTPQPAPTAGSSPIARSPARQEEGSSPASKFSSSFAIDSILSKPFRS  
 RRDGDPALGVQLPWSAACPPLRAYPALLPASSGGALLPLCAYGAGEPTLLASRGAEVQPAAPLLAPLS  
 TAAPAKPFRGPETAGAAHLYCPLRLPTALQAAAACGPGPHLSYRVETLLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1807\\_h12.zip](https://cdn.origene.com/chromatograms/ja1807_h12.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_022858

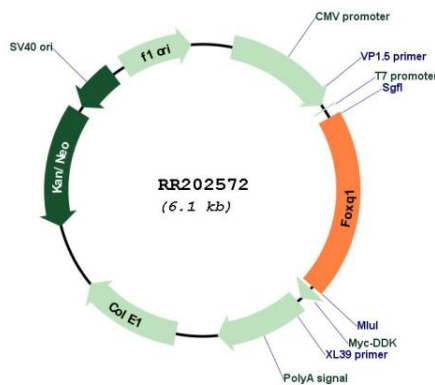
**ORF Size:** 1200 bp

**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](mailto: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](#)

<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<u><a href="#">NM_022858.2</a></u> , <u><a href="#">NP_074049.2</a></u>
<b>RefSeq Size:</b>	1760 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	64826
<b>Cytogenetics:</b>	17p12
<b>MW:</b>	41.9 kDa
<b>Gene Summary:</b>	a liver transcription factor that mediates the expression of a number of hepatocyte-specific genes [RGD, Feb 2006]

**Product images:**



Circular map for RR202572