

Product datasheet for **MG206286**

Foxq1 (NM_008239) Mouse Tagged ORF Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Foxq1 (NM_008239) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Foxq1 |
| Synonyms: | HFH-1; Hfh1; Hfh1l; sa |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG206286 representing NM_008239 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAATTGGAGGTGTTCTGCCACGCGCAGCCACGGGGACAAAATGGGCAGCGATCTGGAGGGGGCCG
GCAGCAGCGACGTGCCATCTCCACTGTCCGCGGCTGGTGACGACTCCTTAGGCTCAGACGGGACTGTGC
AGCCAACAGCCCGCGCGGGCAGCGCGCCGGGGATCTGGAAGGTGGCGCGGAGAGGAATTCGAGT
GGCGGGCCGAGCGCCCAAGACGGTCCGGAGGCAACTGATGACAGCAGAACGCAGGCCTCCGCGCAGGGC
CGTGCGCGGGCGGCGTGGGCGGGCGGAGGGCGCGCAGCAAGCCGTACACGCGCGGCCCAAGCCCC
ATACTCTACATCGCTCTCATCGCCATGGCCATCCGCGACTCCGCGGGCGGACGCCTGACTGGCCGAG
ATCAACGAGTACCTCATGGGCAAGTTCCCTTTTTCCGGGGCAGCTACACGGGCTGGCGCAACTCCGTGC
GCCACAACCTCTCGCTCAACGACTGTTTCGTCAAGGTGCTGCGGACCCCTCGCGGCCCTGGGGCAAGGA
CAACTACTGGATGCTCAACCCCAACAGCGAATACACCTTCGCGGACGGGGTCTTCGCGCCGCCGCAAG
CGCCTCAGCCACCGACCAAGTCTCCGCGTCCGGGCTGCGGCGGAGGAAGCCCCACCGGACCTGCCG
GGACCCCGCAGCCCGCGCCCGCCGCTCCTCCCGATCGCGCGCTCGCCGGCTCGCCAGGAGGAGCG
CTCCAGCCCTGCGAGCAAGTTCTCCAGTCTCTCGCCATCGACAGCATTCTCAGCAAGCCTTTTCGACG
CGCCGCGAGCGGACTCGGCTCTGGGGTGCAGTACCCTGGGGCGCCGCTCCCTGCCCGGCTGCGCG
CCTATCCCGGCTCCTTCCCGCGGCGCCGGTGGCGCTCTGCTACCGCTCTGTGCTTACGGCGCAAGCGA
GCCTACGTGCTGGCGTGGCGGGACCGAGGTGCAGCCCGCGGCGCCCTTCTGCTGGCGCCCTCTCC
ACCGCGGCTCCAGCAAGCCATTCCGAGGTCCGGAGACCGCGCGCGGCGCACCTGACTGCCCCCTAC
GGCTGCCACGGCCCTGCAGGGCAGCGGCTGCGGTCCCGGTCCGCACCTGTCTACCGGTGGAGAC
TCTGCTAGCT

ACGGTACGCGGCGGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206286 representing NM_008239
 Red=Cloning site Green=Tags(s)

MKLEVFVPRAAHGDKMGSDLEGAGSSDVPSPLSAAGDDSLGSDGDCAANSPAAGSGAGDLEGGGGERNSS
 GGPSAQDGPPEATDDSRTOQASAAGPCAGGVGGEGARSKPYTRRPKPPYSYIALIAMAIRDSAGGRLTLAE
 INEYLMGKFPFFRGSYTGWRNSVRHNLNLNDCFKVLRDPSRPWGDNYWMLNPNSEYTFADGVFRRRRK
 RLSHRTTVSASGLRPEEAPPGPAGTPQAPAPAARSSPIARSPARQEERSSPASKFSSSFAIDSILSKPFRS
 RRDGDSALGVQLPWGAAPCPPLRAYPALLPAAPGGALLPLCAYGASEPTLLASRGTEVQPAAPLLLAPLS
 TAAPAKPFRGPETAGAAHLYCPLRLPTALQAAAACGPGPHLSYPVETLLA

TRTRPLE - GFP Tag - V

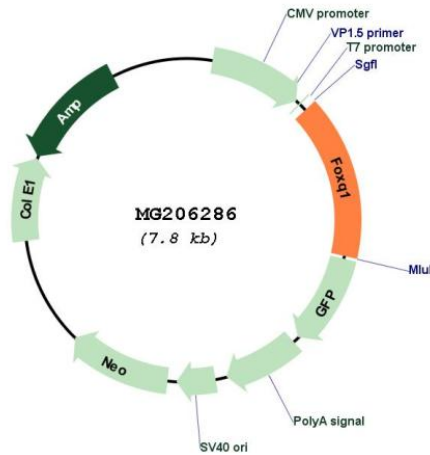
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_008239

| | |
|-------------------------------|---|
| ORF Size: | 1200 bp |
| OTI Disclaimer: | 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 |
| 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_008239.4 , NP_032265.3 |
| RefSeq Size: | 2046 bp |
| RefSeq ORF: | 1203 bp |
| Locus ID: | 15220 |
| UniProt ID: | O70220 |
| Cytogenetics: | 13 13.46 cM |
| Gene Summary: | Plays a role in hair follicle differentiation.[UniProtKB/Swiss-Prot Function] |