

Product datasheet for **RR206576**

Foxa1 (NM_012742) Rat Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Foxa1 (NM_012742) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Foxa1 |
| Synonyms: | Hnf3a |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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ORF Nucleotide Sequence:

>RR206576 representing NM_012742
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTAGGGACTGTGAAGATGGAAGGGCATGAGAGCAACGACTGGAACAGCTACTACGCGGACACGCAGG
 AGGCCTACTCCTCTGTCCCGTACGCAACATGAACTCCGGCCTGGGCTCCATGAACTCCATGAACACCTA
 CATGACCATGAACACCATGACCACGAGCGCAACATGACCCCGGCTTCCTTCAACATGCTCTACGCCAAC
 CCGGGCTTAGGGGCCGGCCTGAGTCCGGGTGCTGTGGCCGGCATGCCCGGGGCTCTGCAGGCGCCATGA
 ACAGCATGACGGCGGGCGTACAGCCATGGGTGCGGCGCTGAGCCCGGAGGATGGGCTCCATGGG
 CGCGCAGCCCGGGCCTCTATGAACGGCTGGGTCCCTACGCTGCCGCCATGAACCCGTGCATGAGTCCC
 ATGGCGTACGCTCCGTCATCTGGGCCGAGCCGCGGGGGGGCGGGCGACGCAAGACGTTCAAGC
 GCAGTTACCTCAGCCAAGCCGCCCTACTCTACATCTCGTCCATCACCATGGCCATCCAGCAGGCGCC
 CAGCAAGATGCTCAGCTGAGCGAAATCTACCAGTGGATCATGGACCTTCCCCCTATTACCGTCAGAAC
 CAGCAGCGCTGGCAGAATCCATTGCGCACTACTGTCTTTCAACGCTTGTTCGTCAGGTTGGCGCGAT
 CCCCAGCAAGCCGGCAAGGGCTCCTACTGGACGCTGCACCCGACTCCGGCAACATGTTCCGAGAACGG
 CTGCTACTTGGCCGTCAAAGCGCTTCAAGTGTGAGAAGCAGCCGGGGCCGGAGTGGGAGTGGGGG
 GGCGGCTCAAAGGGGTCCCAGAAAACCGCAAAGACCCCTCAGGCCCGGTTAACCCAGTCCGAATCAC
 CCATTCATCGGGGTGTGCACGAAAGGCTAGCCAGCTAGAGGGCGCGCCGGCCCCCGGGCCCGCCAG
 CCCCCAGACTCTGGACCACAGTGGGGCCACGGCGACAGGGGGCGGTTCCGAGTTGAAGTCTCCAGTTCT
 TCATCTGCGCCCCATAAGCTCCGGGCCAGGGGGCTGGATCTGTACCCCTCTCACCGACATGGCTTG
 CCCCCACGAATCTCAGCTGCACCTGAAAGGGGCCCCCACTACTCTTTAACCCCTTCTCCATCAA
 CAACCTCATGCTCCTCGGAGCAGCAGCAAGCTGGACTTCAAGGCATATGAGCAGGCACTGCAGTAC
 TCTCTTACGGCCACCTTGCAGCCAGTCTGCCCTTGGCGGCGCTCAGTGGCCACGAGGAGCCCCA
 TCGAGCCCTCAGCCCTGGAGCCGGCCTACTACCAAGGTGTGATTCCAGACCCGTGCTAAATACTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206576 representing NM_012742
 Red=Cloning site Green=Tags(s)

MLGTVKMEGHESNDWNSYYADTQEAYSSVPVSNMNSGLGSMNSMNTYMTMNTMTTSGNMTPASFNMSYAN
 PGLGAGLSPGAVAGMPGGSAGAMNSMTAAGVTAMGAALSPGGMGSMGAQPAASMNGLGPYAAAMNPCMSP
 MAYAPSNLGRSRAGGGDAKTFKRSYPHAKPPYSYISLITMAIQQAPSKMLTSEIYQWIMDLFPYYRQN
 QQRWQNSIRHLSFNACFVKVARSPPDKPGKGSYWTLHPDSGNMFENGCYLRRQKRFKCEKQPGAGGGSGG
 GSKGVPENRKDPSPVNPSPAESPIHRGVHGKASQLEGAPAPGPAASPQLDHSATATGGGSELKSPAS
 SSAPPISSGPGGICTPLSPTWLAPHESQLHLKGAPHYSFNHPFSINNLMSSEQQHKLDFKAYEQALQY
 SPYGATLPASLPLGGASVATRSPIEPSALEPAYYQGVYSRPVLNTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Reconstitution Method:

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_012742.1](#), [NP_036874.1](#)

RefSeq Size: 2189 bp

RefSeq ORF: 1401 bp

Locus ID: 25098

UniProt ID: [P23512](#)

Cytogenetics: 6q23

MW: 48.8 kDa

Gene Summary: may act as a transcription factor for hepatocyte specific gene expression [RGD, Feb 2006]