

Product datasheet for SC119226

FOXF1 (NM_001451) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXF1 (NM_001451) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXF1
Synonyms:	ACDMPV; FKHL5; FREAC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119226 sequence for NM_001451 edited (data generated by NextGen Sequencing)

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ATGTCTTCGGCGCCCGAGAAGCAGCAGCCACCGCACGGCGGGCGGGCGGGCGGGCGGG
GGAGGCGGGCGGCCATGGACCCCGCGTCGTCCGGCCCGTCCAAGGCCAAGAAGACCAAC
GCCGGCATCCGGCGCCCGAGAAGCGCCCTATTCTACATCGCGCTCATCGTCATGGCC
ATCCAGAGTTCACCCACCAAGCGCTGACGCTGAGCGAGATCTACCAGTTCCTGCAGAGC
CGCTTCCCCTTCCGGGGCTCCTACCAGGGCTGGAAGAACTCCGTGCGCCACAACCTC
TCGCTCAACGAGTGCTTCATCAAGCTACCCAAGGGCTTGGGCGGCCCGCAAGGGCCAC
TACTGGACCATCGACCCGGCCAGCGAGTTCATGTTGAGGAGGGCTCCTTTCGGCGGGCG
CCGCGCGGCTTCCGAAGAAAATGCCAGGCGCTCAAGCCATGTACAGCATGATGAACGGG
CTCGGCTTCAACCACCTCCGGACACCTACGGCTTCCAGGGCTCGGCCGGCGGCCTCTCG
TGCCCGCCCAACAGCCTGGCGCTGGAGGGCGGCCTGGGCATGATGAACGGCCACTTGCCG
GGCAACGTGGACGGCATGGCCCTGCCAGCCACTCGGTGCCCCACCTGCCTTCCAACGGC
GGCCACTCGTACATGGGCGGCTGCGGCGGGCGGGCGGGCGGGCGGAGTACCCGCACCACGAC
AGCTCGGTGCCCGCTCCCGCTGCTGCCACCGGCGCCGGTGGGGTTCATGGAGCCGCAC
GCCGTCTACTCGGGCTCGGCGGGCGGCTGGCCGCCCTCGGCGTCCGCGGGCGCTCAACAGC
GGCGCCTTTATCAAGCAGCAGCCCTGTCCCCTGTAACCCCGGGCCAACCCCTG
TCCGGCAGCCTTCCACGCACTCCCTGGAGCAGCCGTATCTGCACCAGAACAGCCACAAC
GCCCCAGCCGAGCTGCAAGGCATCCCGCGGTATCACTCGCAGTCCCGCAGCATGTGTGAC
CGAAAGGAGTTTGTCTTCTTTCAACGCCATGGCGTCTCTTCCATGCACCTCGGCGGGC
GGGGGCTCCTACTACCACAGCAGGTACCTACCAAGACATCAAGCCTTGCGTGATGTGA

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Clone variation with respect to NM_001451.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001451 unedited GAAAAGGGGANNAAAAAAAAAACTTCCCCCNNGGTTCAAATTTGTNATACAACTCATAT AGGCGGCCCGCNAATTCGCACCAGGCGGGCGGCAGCAGCCACCCGAGTCTTCGGGCGC CCGAGAAGCAGCAGCCACCGCACGGCGGGCGGGCGGGCGGGGGAGGCGGGCGGG CCATGGACCCCGCTCGTCCGGCCCGTCCAAGGCCAAGAAGACCAACCCGGCATCCGGC GCCCGGAGAAGCCGCCCTATTCTACATCGCGCTCATCGTCATGGCCATCCAGAGTTCAC CCACCAAGCGCCTGACGCTGAGCGAGATCTACCAGTTCCTGCAGAGCCGTTCCCTTCT TCCGGGGCTCCTACCAGGCTGGAAGAACTCCGTGCGCCACAACCTCTCGCTCAACGAGT GCTTCATCAAGCTACCAAGGGCCTTGGGCGGCCCGCAAGGGCCACTACTGGACCATCG ACCCGGCCAGCGAGTTCATGTTTCGAGGAGGGCTCCTTTCGGCGGGCGCCGCGGGCTTCC GAAGGAAATGCCAGGCGCTCAAGCCATGTACAGCATGATGAACGGGCTCGGTTCAACC ACCTCCCGGACACCTACGGCTTCCAGGGCTCGGCCGGCGGCTCTCGTCCCGCCCAACA GCCTGGCGCTGGAGGGCGGCTGNGCATGATGAACGGNCACTTCCCGNNACGTGNACN GCATGGCCCTGCCAGCCACTCNGTGCCCCACCTGCCTTCAACGGCGGCCACTCGTACA TGGGCCGCTGCNGCCGCCCGCGCCGCAAGTACCCGCACCAGACAGCTCGGTGGCCGC CTCCTCGTGTGCCACCCGCGCGTGGGCATGAAGCCGAACGCTCTACTCGGCTCG GCGGNGGGCTGGCCGCCCTTGGGTCCGCGGGGCTCACAGCGGGGCTTTTATAAAACAC CGCCCT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001451 unedited AGTTAAAATCCTTTTTTTTTTACAAATGTTATACATTTTTATTTTTGTTCTTTTTTAGG AAAAAATACACAAAAGGCAAAACATCCTCAAATGGTCTTTTATACAGTGCAGAAGGAAA TTTCAAATTTCAAATACGTGTCACAAATGCTGCACTCTAGCAGCCAAAATACAAAAAAA AAAGGAGGGTAGTCCTTCATATTATATATATTTATATAAAAACATATGGAATTTGTTT TTACACAGATCGGTCTTTGTTTCAAATTTACAATGGATATCTAAAAAAATTTCTACACGG CAAATATTGCCAACAAAGTTACACCATTAATACTGATAAACGGAGGAGCCTACGCGGTGT TTTGATTATTAGGAAAAGAAAGTAGAATAAATAAACAGGAGCCTTGCTATAGTTTTTAA AGTGCCTTAACCTTTCTGCGTCCCGCAATCCTGAATCCGCGCGGTACCCGGGCCGCTCT AGTCCCTGCGTCCGCTGTGTTCCGGCTCGTCTCGGACCAGAAAGTTTACAGTAGAGTT GGAAGACAGAAAAATACCACTGAAAAAGTCTAAATAAAATTCAGACAAAACATAACAG AAGAGGCTGAAGCGAAGGAAGAGGAGGAACATGGAAGGGGACGGAGGCGGACGCCCGGAC GGCCGCTTGCTTCGTGGCTCCTTCGACTTCTGTTTAAAGACGGACAGTGGCTTCCGAAA TGCAAGTTGTTCCACAAAGATCCACCTGTGGTCCACGGAGGAGACTTCNNGAGTGGGGA GGGAGATCGGAAGAGGAGTATTCTGAGCTCTTGCACTTCCCGCTCCC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_001451
Insert Size:	2700 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:

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_001451.1](#), [NP_001442.1](#)

RefSeq Size: 2510 bp

RefSeq ORF: 1065 bp

Locus ID: 2294

UniProt ID: [Q12946](#)

Cytogenetics: 16q24.1

Domains: FH

Protein Families: Transcription Factors

Gene Summary: This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in the regulation of pulmonary genes as well as embryonic development. [provided by RefSeq, Jul 2008]