

Product datasheet for **SC317608**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317608 representing NM_001451. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTTCGGCGCCCGAGAAGCAGCAGCCACCGCACGGCGGGCGGGCGGGCGGGGGAGGCGGC
GCGGCCATGGACCCCGCGTCTGCCGGCCGTCCAAGGCCAAGAAGACCAACGCCGGCATCCGGCGCCG
GAGAAGCCGCCCTATTCTACATCGCGCTCATCGTCATGGCCATCCAGAGTTCACCCACCAAGCGCTG
ACGCTGAGCGAGATCTACCAGTTCCTGCAGAGCCGTTCCCTTCTTCCGGGGCTCCTACCAGGGCTGG
AAGAACTCCGTGCGCCACAACCTCTCGCTCAACGAGTGTTCATCAAGCTACCCAAGGGCCTTGGGCGG
CCCGGCAAGGGCCACTACTGGACCATCGACCCGGCCAGCGAGTTCATGTTTCGAGGAGGGCTCCTTTCGG
CGGCGGCCGCGCGGCTTCCGAAGGAAATGCCAGGCGCTCAAGCCCATGTACAGCATGATGAACGGGCTC
GGTTCAACCACCTCCCGGACACCTACGGCTTCCAGGGCTCGGCCGGCGGCTCTCGTGCCCGCCAAC
AGCCTGGCGCTGGAGGGCGGCCTGGGCATGATGAACGGCCACTTGCCGGGCAACGTGGACGGCATGGCC
CTGCCAGCCACTCGGTGCCCACTGCCTTCCAACGGCGGCCACTCGTACATGGGCGGCTCGGCGGGC
GCGGGCGCCGGCAGTACCCGCACCACGACAGCTCGGTGCCCGCCTCCCGCTGCTGCCACCGGCGCC
GGTGGGGTTCATGGAGCCGACGCCGTCTACTCGGGCTCGGCGGGCCCTGGCCGCCCTCGGCGTCCGGC
GCGCTCAACAGCGGGCCCTTTATATCAAGCAGCAGCCCTGTCCCTGTAAACCCGCGGCCAACCCCA
CTGTCCGGCAGCCTCTCCACGCACTCCCTGGAGCAGCCGTATCTGCACCAGAAGCCACCAACGCCCA
GCCGAGCTGCAAGGCATCCCGCGGTATCACTCGCAGTCGCCAGCATGTGTGACCGAAAGGAGTTTGTC
TTCTCTTTCAACGCCATGGCGTCTCTTCCATGCACTCGGCCGGCGGGGCTCCTACTACCACGACAG
GTCACCTACCAAGACATCAAGCCTTGCCTGATGTA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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ACCN:	NM_001451
Insert Size:	1140 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001451.2</u>
RefSeq Size:	2579 bp
RefSeq ORF:	1140 bp
Locus ID:	2294
UniProt ID:	<u>Q12946</u>
Cytogenetics:	16q24.1
Domains:	FH
Protein Families:	Transcription Factors
MW:	40.1 kDa
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]