

Product datasheet for SC303940

FOX E3 (NM_012186) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOX E3 (NM_012186) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOX E3
Synonyms:	AAT11; ASGD2; CTRCT34; FKHL12; FREAC8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene ORF sequence for NM_012186 edited</p> <pre> ATGGCGGGGCGCAGCGACATGGATCCGCCCGCCGCTTCTCTGGCTTCCCTGCCCTGCCA GCGGTCGCGCCGTGCGGGCCGCCGCTCGCCGCTCGCAGGAGCCGAGCCAGGGCGGGAG CCAGAGGAGGCGCGGCTGGCCGCGGAGAGGCGGCCCCACGCCGCGCCGCGCCGGGG CGGCGGCGGCGGCGGCCCTGCAGCGCGGAAGCCGCCCTACTCGTACATCGCGTCATC GCCATGGCTCTGGCGCACGCCCCGGGCCGCCGCTCACGCTGGCCGCCATCTACCGCTTC ATCACCGAACGCTTTGCCTTCTACCGGACAGCCCGCGCAAGTGGCAGAACAGCATCCGC CACAATCTCACGCTCAACGACTGCTTCGTCAAGGTGCCCCGCGAGCCGGGCAACCCGGGC AAGGGCAACTACTGGACGCTGGACCCCGCGGCCGAGACATGTTGACAACGGCAGCTTC CTGCGGCGCCGCAAGCGTTCAAGCGCGCTGAGCTGCCCGCGCACGCGCCGCGGCGCCA GGGCCGCGCTCCCTTCCCTACGCGCCCTACGCGCCCGCGCCCGGCCCGCGTGCTG GTGCCGCGCCTTCTGCCGACCGGGCCCTCGCCGCCCGCGCGTCTGTTACGCTCGAC AGCCTGGTGAACCTGCAGCCGAGCTAGCGGGGCTGGGCGCCCCGAGCCGCCCTGCTGC GCCGCGCCGACGCCGACGCCGAGCCTTCCCGCCCTGCGCTGCCGCGCCTCCCGCCA CTCTACTCGCAGGTCCCCGACCGCTGGTACTGCCCGGACGCGCCCCGGCCCCGGCCCCG CTGCCGCTGAGCCCTCCTGGCCTTGGCCGGGCCGAGCCGCTCTCGGCCGCTCAGC CCTGGGAGGCCCTACCTGAGGACGCCGGGCTTCGCGTCGGGGCTGGAGCGCTACCTGTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_012186
Insert Size:	1000 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).


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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:	NM_012186.1 , NP_036318.1
RefSeq Size:	2011 bp
RefSeq ORF:	960 bp
Locus ID:	2301
UniProt ID:	Q13461
Cytogenetics:	1p33
Gene Summary:	This intronless gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. The protein encoded functions as a lens-specific transcription factor and plays an important role in vertebrate lens formation. Mutations in this gene are associated with anterior segment mesenchymal dysgenesis and congenital primary aphakia. [provided by RefSeq, Dec 2009]