

Product datasheet for **SC300630**

FIGLA (NM_001004311) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FIGLA (NM_001004311) Human Untagged Clone
Tag:	Tag Free
Symbol:	FIGLA
Synonyms:	BHLHC8; FIGALPHA; POF6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001004311 edited ATGGACCCGCGCCCGGCGTCTAGATCCCCGCGCCGCGCCCGCGCTCTGGGCACC CCGCAAGCCGAGGTGCTGGAGGACGTGTTGCGGGAGCAGTTCGGGCCGCTGCCCCAGCTG GCCGCTGTCTGCGGCTCAAGCGGCTGCCCTCGGGCGGCTACTCGTCCACTGAAAACCTC CAGTTGGTGCTGGAGCGGCGGCTGTGGCCAACGCCAAGGAGCGTGAGCGGATAAAAAAT CTCAACCGTGGTTTTGCCAGATTGAAGGCACTTGCCATTTCTCCCCAAAGCAGGAAG CCCAGCAAAGTTGATATCCTTAAAGGTGCGACTGAATATATACAGTTCTCAGTGATCTT TTGGAAGGAGCCAAAGACTCAAAGAAAACAAGACCCAGATGAGCAGAGCTATAGTAACAAC AGTTCTGAATCACATACATCCTCGGCAAGACAGCTGTCAAGAAACATCACCCAACATATC AGCTGTGCTTTTCGGCTTGAAGAATGAAGAGGAAGGGCCTTGGGCAGATGGTGGCAGTGGT GAGCCAGCACACGCTTGTGCCACAGTGTGATGTCTACGACTGAAATTATCTCCCAACC AGAAGTCTGGATAGATCCAGAAAGTAGAACTGCTGAGTCACAGACTCCACAAGTATGA
Restriction Sites:	Please inquire
ACCN:	NM_001004311
Insert Size:	700 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.



[View online »](#)

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_001004311.1, NP_001004311.1</u>
RefSeq Size:	724 bp
RefSeq ORF:	660 bp
Locus ID:	344018
UniProt ID:	<u>Q6QHK4</u>
Cytogenetics:	2p13.3
Gene Summary:	This gene encodes a protein that functions in postnatal oocyte-specific gene expression. The protein is a basic helix-loop-helix transcription factor that regulates multiple oocyte-specific genes, including genes involved in folliculogenesis and those that encode the zona pellucida. Mutations in this gene cause premature ovarian failure type 6. [provided by RefSeq, Sep 2009]