

Product datasheet for **SC303354**

FOXN1 (NM_003593) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXN1 (NM_003593) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXN1
Synonyms:	FKHL20; RONU; TIDAND; TLIND; WHN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_003593 edited
 ATGGTGTGCTACCCCGCCGACGTCTGACGTCACGCTGCCGGGCCACCAGACTGGAG
 GGGCAGCGCCAAGGGGACCTCATGCAGGCACCGGGCTCCCAGGCTCCCCTGCCCCACAG
 AGTAAGCATGCCGGCTTCAGTGTCTGTCATTTGTGTCCGACGGCCCTCCAGAGAGGACA
 CCCTCACTGCCCCACACAGCCCCGCATTGCGTACCAGGGCCCGAGCAAGTCCAGGGC
 CACTGCCAGCCGGCCCCGGCCCTGGGCCCTTCAGGCTCTCACCTCAGACAAGTATCCT
 GGCTTTGGCTTTGAGGAGGCCGAGCAAGCAGCCCTGGGCGATTCTCAAGGGCAGCCAC
 GCGCCCTTCCACCGTACAAGCGCCCTTCCATGAGGACGCTTCCCAGAGGCCGAGACC
 ACCCTGGCCCTCAAAGGACACTCCTTTAAGACCCAGGGCCGCTGGAGGCCTTCGAGGAG
 ATCCCAGTGGACGTGGCGGAGGCCGAGGCCTTCTGCCTGGCTTCTCAGCAGAGGCCTGG
 TGTAAACGGGCTCCCCTACCCAGCCAGGAGCATGGCCCCAAGTCTGGGTTTCAGAGGTC
 AAAGTCAAGCCCCAGTTCTGGAGAGTGGTGTGGGATGTTCTGCTACCAGCCTCCCTTG
 CAGCATATGTAAGTCTCTCCAGCCCCCTTCCACCAGTACTCGCCAGGTGGTGGCAGC
 TACCCCATACCTACCTGGGCTCTCACACTATCAGTACCAGCGAATGGCAGCCAGGCC
 AGCACCAGTGGGACAGCCTCTCTTCCAAAACCCATCTATTCTACAGCATCCTCATC
 TTCATGGCCCTTAAGAACAGTAAAACCTGGGAGCCTTCCCGTACAGCGAGATCTACAATTTT
 ATGACGGAGCACTTTCCTTACTTCAAGACAGCACCCGATGGCTGGAAGAATTCTGTCCGG
 CACAACCTATCCCTCAACAAGTGCTTCGAGAAGGTGGAGAACAATCAGGAAGTCTCTCC
 CGCAAGGGCTGCCTGTGGGCCCTCAATCCGGCCAAGATCGACAAGATGCAAGAGGAGCTG
 CAAAAATGGAAGAGGAAAGATCCCATTGCTGTGCGCAAAAGCATGGCCAAGCCAGAAGAG
 CTGGACAGCCTCATTGGAGACAAGAGAGAAAAGCTGGGCTCCCCACTCCTGGGCTGTCCG
 CCCCTGGGCTGTCCGGCTCAGGCCCATCCGGCCCTGGCAGCCAGTGGCCTCTCC
 CCACCACTGCACTCACTCCACCCAGCTCCAGGCCCATTCCTGGCAAGAACCCCTGCAG
 GACTACTTATGGGGCACACACCTCCTGCTATGGGCAGACATACTTGCACCTCTACCA
 GGCTGGCCCTCCTGGACCCCGCAGCATTGTTCCACAGCCGGACGGGCACCTTGAG
 CTGCGGGCCAGCCAGGCACCCCGAGGACTCGCCTCTGCCTGCCACACCCACCCAGC
 CACAGTGCCAAGCTACTGGCCGAGCCTTCCCAGCCAGGACTATGCACGACACCTGCTG
 CCAGATGGAGACCTTGGCACTGACCTGGATGCCATCAATCCCTCACTCACTGACTTCGAC
 TTCCAGGGAAACCTGTGGGAACAGTTGAAGGATGATAGCTTGGCCCTCGACCCCTGGTA
 CTGGTGACCTCATCCCCGACATCATCTTCGATGCCACCACCCAGCCACCACCTCACTGC
 TTCCCCCTGGGCCCTGTCTGACAGAGACAGGCAGTGGGGCAGGTGACTTGGCAGCCCCG
 GGCAGTGGTGGCTCCGGGCACTGGGTGACCTGCACCTACCACCTCTACTCTGCCTTT
 ATGGAGCTGGAGCCACGCCCCCACGGCCCTGCAGGCCCTCTGTGTACCTCAGCCCC
 AGCTCAAAGCCGTGGCCCTGGCATGA

Restriction Sites: Please inquire

ACCN: NM_003593

Insert Size: 2000 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: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_003593.2.

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_003593.2 , NP_003584.2
RefSeq Size:	2697 bp
RefSeq ORF:	1947 bp
Locus ID:	8456
UniProt ID:	O15353
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Mutations in the winged-helix transcription factor gene at the nude locus in mice and rats produce the pleiotropic phenotype of hairlessness and athymia, resulting in a severely compromised immune system. This gene is orthologous to the mouse and rat genes and encodes a similar DNA-binding transcription factor that is thought to regulate keratin gene expression. A mutation in this gene has been correlated with T-cell immunodeficiency, the skin disorder congenital alopecia, and nail dystrophy. Alternative splicing in the 5' UTR of this gene has been observed. [provided by RefSeq, Jul 2008]