

Product datasheet for **SC127556**

OVOL1 (NM_004561) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OVOL1 (NM_004561) Human Untagged Clone
Tag:	Tag Free
Symbol:	OVOL1
Synonyms:	HOVO1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127556 sequence for NM_004561 edited (data generated by NextGen Sequencing)

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ATGCCCCGCGCGTTCCTGGTGAAGAAGCCGTGCGTCTCCACGTGCAAGAGGAACTGGAGC
GAGCTCCCCGACGAGGAGCGCGGAGATCTACGTGCCAGTCAGCCTGGGCTTCTGCCCA
CCACAGCCCTACCGGGAGCCGGAACCCCTGTGGCCGAACCCCTTCTGCCCGCTGGCT
TTGAACATGAGCCTTCGAGACTCTAGCTACAGCATGGCCCCGGGCCCTGTGTGGTGGCC
CAGCTGCCCTCTGAAGACATGGGCCACTTGACAGACCCCGAGAGCAGAGACCATGGCTTC
CTGCGCACCAAGATGAAGGTGACCCTTGGGGACAGTCCCAGTGGAGACCTGTTACACTGC
CGTGTCTGCCAGAAGGCCTTACCTACCAGCGCATGCTGAACCGCCACATGAAGTGCAC
AACGACGTCAAGAGGCACCTCTGCACGTACTGCGGGAAGGGCTTCAATGACACCTTCGAC
CTCAAGAGACACGTCCGAACTCACACTGGCGTGCGGCCCTACAAGTGCAGCCTGTGTGAC
AAGGCCTTCACGCAGCGCTGCTCTCTGGAGTCTCACCTCAAGAAGATCCATGGTGTGCAG
CAGAAGTACGCGTACAAGGAGCGCGGGCCAAGCTGTACGTGTGTGAGGAGTGGCGCTGC
ACATCTGAGAGCCAGGAGGGCCACGTCCTGCACCTGAAGGAGCACCACCTGACAGCCCCG
CTGCTGCGCAAGACCTCCAAGAAGGTGGCCGTGGCACTACAGAACACTGTCACTTCCCTG
CTGCAGGGCAGCCCCACCTGTGA

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Clone variation with respect to NM_004561.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004561 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGGACGCCAGTCCG
 AGCCGGGAGACGCTTACCTGCCGCTTCCCCGCGCCGCCGGTGCACCTGGCCGCAAGGGA
 CCTCGTCTCAGGGAAGACGGCGACATTCGCGGAGGTGGAACCGGCGCGCCGCTCCGG
 GCTCGGACCTTCCCCGGAACGTGGGGGCGCCTTAGCGACTCCTTCCCTGTTGTGCCCCCG
 TTCCCCGGCTTCAGCCCGCCCCGCAAAGGTGGGACGGCTCCCGGCTTCAGTTACGGAAG
 CGGCCCGTGTCCAGCGACGAGGGTTTCGAAAATGCCCGCGCGTTCTGGTGAAGAAGCCG
 TGGCTCTCCACGTGCAAGAGGAACTGGAGCGAGCTCCCCGACGAGGAGCGCGGCGAGATC
 TACGTGCCAGTCAGCCTGGGCTTCTGCCACCACAGCCCTACCGGAGCCGGAACCTCT
 GTGGCCGAACCCCTTCTGCCGCTGGCTTTGAACATGAGCCTTCGAGACTCTAGCTAC
 AGCATGGCCCCGGGCCCTGTGTGGTGGCCAGCTGCCCTCTGAAGACATGGGCCACTTG
 ACAGACCCCCAGAGCAGAGACCATGGCTTCTGCGCACCAAGATGAAGGTGACCTTGGG
 GACAGTCCAGTGGAGACCTGTTACCTGCCGTGTCTGCCAGAAGCCTTACCTACCAG
 CGCATGTGAACCGCCACATGAAGTGTCAACACGACGTTAAGAGGCACCTCTGCACGTAC
 TGCGGGAAGGGCTTCATGACACCTTCGACCTCAAGAACACGTCCGAACTCACCTGGCGTG
 CGCCCTCAGTGACGCTGTGTGACAAGCCTCACCCAGCGCTGCTTTTGGGAGTCTCAC
 TAAAAAGATCCATGTGTGCACAGAACTACC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_004561 unedited
 NNNCCGTAAGTGTGNACCCGGCCGATTCTANNGATCGGTTTTTTTTTTTTTTTTTTAGAT
 CTCTAATTTTAAAGTTGAGAGGAAGGTTATAAAATAAAACAGACAACACAGNAGCTTCA
 TTGACGGCCTCGGATTGGCAGTCAACCCAGGGATACAGAAATGTAACAAAAACAGAGCT
 TCCAGATAACATTACTGTGTGCTATGTGACTTTCAGAATACAGTATCGTCCCAGACACTC
 TAAAGTCAAGTGAACAAGAGATTTTAGAATCAATCTATACACATTTAGAGGGCAGTCC
 AGGAAGGAGCCTTCTCTCAGGTGAGCCAGGGCTGGGCCTGAGCCTGAGCCCGGGGACG
 GTAGACTACTACCATTTTGGGAGGGGAGGCCAAAGTGGTTCTGCTTACAGTGGGGTTT
 GGCTTTAAGGGGCTGCCAGCTGGCTGTGTTCTGGGGACCTTTTTGCATTTGCCTCTGG
 CAGGCTGGCTCTGACCCCTGCCTGTTTTCCCTTTGGCCACAAGACGCACACCTTTTA
 CACCCAGAACCCCTTTCCAGCTGCAGCAAGGGAGCAAGGGAGCCAGCCAGCCAGCCAGG
 ACGGGTCTCCCCACAGCCACTCCAAACCCAGCCTGGTCAGGTGAAAAAGTTATGAAAAA
 GGCAACAGATAACAATTTGGGTAGCCATCAAATCCTCTTCTCTGGAAGTTTCTGA
 GGTGCCTGGTCATCATTCTGGCCCCATTTTTTTGCCCTGTGCTTAGGGCTTTTTGCCTT
 ACCCAAGAAAAGGGGCGGGTTTTTCAGNCCGTGGCCTTGCAAGAAATTGTTCTAATTGCTT
 CTAGGGCGTGGGAGGGCATCTGCTTTTCTTCCACCTTCCGCCCCCTTAGTGCCCCG
 GGGGACACACTCTAGATTTAGGCCCTTTTCTGGAACTGGAGGATAGAA

Restriction Sites:

NotI-NotI

ACCN:

NM_004561

Insert Size:

3090 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:	<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_004561.2 , NP_004552.2
RefSeq Size:	3007 bp
RefSeq ORF:	804 bp
Locus ID:	5017
UniProt ID:	O14753
Cytogenetics:	11q13.1
Domains:	zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	This gene encodes a putative zinc finger containing transcription factor that is highly similar to homologous protein in Drosophila and mouse. Based on known functions in these species, this protein is likely involved in hair formation and spermatogenesis in human as well. [provided by RefSeq, Aug 2011]