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Product datasheet for SC122467

C16orf89 (BC033681) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C16orf89 (BC033681) Human Untagged Clone
Tag:	Tag Free
Symbol:	C16orf89
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for BC033681 edited
GCCGGGCCACTTGTCTTCATGTCTGCCAGGGGGAGGTGGGAAGGAGGTGGGAGGAGGGCG
TGCAGAGGCAGTCTGGGCTTGGCCAGAGCTCAGGGTGCTGAGCGTGTGACCAGCAGTGAG
CAGAGGCCGGCCATGGCCAGCCTGGGGCTGCTGCTCCTGCTCTTACTGACAGCACTGCCA
CCGCTGTGGTCCTCCTCACTGCCTGGGCTGGACACTGCTGAAAGTAAAGCCACCATTGCA
GACCTGATCCTGTCTGCGCTGGAGAGAGCCACCGTCTTCCTAGAACAGAGGCTGCCTGAA
ATCAACCTGGATGGCATGGTGGGGGTCCGAGTGCTGGAAGAGCAGCTAAAAAGTGTCCGG
GAGAAGTGGGCCCAGGAGCCCCTGCTGCAGCCGCTGAGCCTGCGCGTGGGGATGCTGGGG
GAGAAGCTGGAGGCTGCCATCCAGAGATCCCTCCACTACCTCAAGCTGAGTGATCCCAAG
TACCTAAGAGAGTTCCAGCTGACCCTCCAGCCCGGGTTTTGGAAGCTCCCACATGCCTGG
ATCCACACTGATGCCTCCTTGGTGTACCCCACGTTCGGGCCCCAGGACTCATTCTCAGAG
GAGAGAAGTGACGTGTGCCTGGTGCAGCTGCTGGGAACCGGGACGGACAGCAGCGAGCCC
TGCGGCCTCTCAGACCTCTGCAGGAGCCTCATGACCAAGCCCGGCTGCTCAGGCTACTGC
CTGTCCCACCAACTGCTCTTCTTCCTCTGGGCCAGAATGAGGGGATGCACACAGGCACCA
CTCCAACAGAGCCAGGACTATATCAACCTCTTCTGCGCCAACATGATGGACTTGAACCGC
AGAGCTGAGGCCATCGGATACGCCTACCCTACCCGGGACATCTTCATGGAAAACATCATG
TTCTGTGGAATGGGCGGCTTCTCCGACTTCTACAAGCTCCGGTGGCTGGAGGCCATTCTC
AGCTGGCAGAAACAGCAGGAAGGATGCTTCGGGGAGCCTGATGCTGAAGATGAAGAATCA
TCTAAAGCTATTCAATATCAGCAGCATTTTTCGAGGAGAGTGAAGAGGCGAGAAAAACAA
TTTCCAGATGGCTGCTCCTCCCACAACACAGCCACAGCAGTGGCAGCCCTGGGTGGCTTC
CTATACATCCTGGCAGAATACCCCCCAGCAAACAGAGAGCCACACCCATCCACACCGCCA
CCACCAAGCAGCCGCTGAGACGGACGGTTCCATGCCAGCTGCCTGGAGGAGGAACAGACC
CCTTTAGTCCTCATCCCTTAGATCCTGGAGGGCACGGATCACATCCTGGGAAGAAGGCAT
CTGGAGGATAAGCAAAGCCACCCCGACACCCAATCTTGGAAGCCCTGAGTAGGCAGGGCC
AGGGTAGGTGGGGGCCGGGAGGGACCCAGGTGTGAACGGATGAATAAAGTTCAACTGCAA
CTGAAAAAAAAAAAAAAAAAAAAAAAAAAA
```


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5' Read Nucleotide Sequence:

>OriGene 5' read for BC033681 unedited
NNGGAAGTTGGGATTTTGTAATACGACTTTATATAGGGCGGCCGCGAATTCCCGGGATGC
CGGGCCACTTGTCTTCATGTCTGCCAGGGGGAGGTGGGAAGGAGGTGGGAGGAGGGCGTG
CAGAGGCAGTCTGGGCTTGGCCAGAGCTCAGGGTGCTGAGCGTGTGACCAGCAGTGAGCA
GAGGCCGGCCATGGCCAGCCTGGGGCTGCTGCTCCTGCTCTTACTGACAGCACTGCCACC
GCTGTGGTCCTCCTCACTGCCTGGGCTGGACACTGCTGAAAGTAAAGCCACCATTGCAGA
CCTGATCCTGTCTGCGCTGGAGAGAGCCACCGTCTTCCTAGAACAGAGGCTGCCTGAAAT
CAACCTGGATGGCATGGTGGGGGTCCGAGTGCTGGAAGAGCAGCTAAAAAGTGTCCGGGA
GAAGTGGGCCCAGGAGCCCCTGCTGCAGCCGCTGAGCCTGCGCGTGGGGATGCTGGGGGA
GAAGCTGGAGGCTGCCATCCAGAGATCCCTCCACTACCTCAAGCTGAGTGATCCCAAGTA
CCTAAGAGAGTTCCAGCTGACCCTCCAGCCCGGGTTTTGGAAGCTCCCACATGCCTGGAT
CCACACTGATGCCTCCTTGGTGTACCCCACGTTCGGGCCCCAGGACTCATTCTCAGAGGA
GAGAAGTGACGTGTGCCTGGTGCAGCTGCTGGGAACCGGGACGGACAGCAGCGAGCCCTG
CGGCCTCTCAGACCTCTGCAGGAGCCTCATGACCAAGCCCGGCTGCTCAGGCTACTGCCT
GTCCCACCAACTGCTCTTCTTCCTCTGGGCCAGAATGAGGGGATGCACACAGGCACCACN
TCCACAGAGCCAGGACTATATCAACCTCTTCTGCGCCAACATGATGGACTTGGACCGCAG
AGCTG

Restriction Sites: Please inquire

ACCN: BC033681

Insert Size: 1470 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:
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: BC033681.1, AAH33681.1

RefSeq Size: 1470 bp

Locus ID: 146556

Cytogenetics: 16p13.3

Gene Summary: This gene is expressed predominantly in the thyroid. Based on expression patterns similar to thyroid transcription factors and proteins, this gene may function in the development and function of the thyroid. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]