

Product datasheet for **SC103703**

C3orf39 (POMGNT2) (NM_032806) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3orf39 (POMGNT2) (NM_032806) Human Untagged Clone
Tag:	Tag Free
Symbol:	C3orf39
Synonyms:	AGO61; C3orf39; GTDC2; MDDGA8; MDDGC8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC103703 sequence for NM_032806 edited (data generated by NextGen Sequencing)

```
ATGCACCTCTCGGCGGTGTTCAACGCCCTCCTGGTGTGCGGTGCTGGCAGCGGTCTGTGG
AAGCATGTGCGGCTGCGTGAGCATGCAGCCACTGGAGGAGGAGCTGGCCCTCAGCCGA
CAGGCCACAGAGCCAGCCCCAGCACTGAGGATCGACTACCCGAAGGCACTGCAGATCCTG
ATGGAGGGCGGCACACACATGGTGTGCACGGGCCGACGCACACAGACCGCATCTGCCGC
TTCAAGTGGCTCTGCTACTCCAACGAGGCTGAGGAGTTTCATCTTCTTCCATGGCAACACC
TCTGTTCATGCTGCCAACCTGGGCTCCCGCGCTTCCAGCCAGCCCTGCTCGACCTATCC
ACCGTGGAGGACCACAACACTCAGTACTTCAACTTCGTGGAGCTGCCTGTGCTGCCCTG
CGCTTCATGCCCAAGCCGGTGTTCGTGCCAGACGTGGCCCTCATCGCAACCGCTTCAAC
CCCACAACCTCATGCACGTCTTTCATGACGACCTGCTGCCACTCTTCTACACCTGCGG
CAGTTTCCCGGCTGGCCACGAGGCACGGCTCTTCTTCATGGAGGGCTGGGGCAGGGT
GCACACTTCGACCTCTACAAGCTGCTCAGCCCCAAGCAGCCTCTCCTGCGGGCACAGCTG
AAGACCCTGGGCGGCTGCTGTGCTTCTCCCATGCTTTTGTGGGCTCTCCAAGTCACT
ACCTGGTACCAGTATGGCTTTGTGCAGCCCCAGGGCCCCAAGGCCAACATCCTCGTCTCA
GGCAATGAGATCCGGCAGTTTGCACGGTTCATGACAGAAAAGCTGAACGTGAGCCACACA
GGAGTCCCCCTAGGCGAGGAGTACATTCTGGTCTTTAGCCGAACCCAGAACAGACTCATT
CTGAATGAGGCAGAGCTGCTGCTGGCACTGGCCAGGAGTTCAGATGAAGACAGTGACA
GTGTCCCTGGAGGACCACACCTTTGCTGATGTCGTGCGGTGGTCAAGATGCCTCCATG
CTGGTCAGCATGCATGGGGCCAGCTGGTCAACACCTCTTCTGCCCGTGGGGCAACT
GTGGTAGAGCTCTTCCATATGCTGTCAATCCCGACCACTACACTCCCTATAAGACGCTG
GCCATGCTGCCTGGCATGGACCTCCAGTATGTAGCCTGGCGGAACATGATGCCAGAGAAC
ACAGTACACACACCTGAGCGGCCCTGGGATCAGGGGGGCATCACCATCTGGACCGGGCT
GAGCAAGCCCGTATCCTGCAAGCCGTGAGGTCCACGGCATCTCTGTTGCCGGAACCCC
GAGTGGCTCTTCCGAATCTACCAGGACCAAGGTGGACATCCCATCCCTCATTCAAACC
ATACGGCGCGTGGTGAAGGGCCGGCCAGGACCAGGAAGCAGAAGTGGACAGTCCGCCTA
TATCCAGGCAAGGTGCGGGAGGCACGGTGCCAGGCGTCAGTGCATGGCGCCTCCGAGGCC
CGCCTCACTGTCTCCTGGCAGATCCCATGGAACCTTAAATACCTGAAGGTGAGGGAGGTG
AAGTACGAGGTGTGGCTGCAGGAGCAGGGGGAGAACACCTACGTGCCTTACATCTGGCT
CTGCAGAACACACCTTCACTGAGAACATCAAGCCCTTACCACCTACCTGGTGTGGGTC
CGCTGCATCTTCAACAAGATCCTCCTGGGACCCTTTCAGATGTGCTGGTGTGCAACACG
TAG
```

Clone variation with respect to NM_032806.4

5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_032806 unedited
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGTGGTCTTCC
CAGTGGCCGTCATCTCATTAGGGCCCCACAGTGGCATTAGGATGCACCTCTCGGCGGTGT
TCAACGCCCTCCTGGTGTGCGGTGCTGGCAGCGGTCTGTGGAAGCATGTGCGGCTGCGTG
AGCATGCAGCCACACTGGAGGAGGAGCTGGCCCTCAGCCGACAGGCCACAGGCCAGCCC
CAGCACTGAGGATCGACTACCCGAAGGCACTGCAGATCCTGATGGAGGGCGGCACACACA
TGGTGTGCACGGGCCGACGCACACAGACCGCATCTGCCGCTTCAAGTGGCTCTGCTACT
CCAACGAGGCTGAGGAGTTTCATCTTCTTCCATGGCAACACCTCTGTCATGCTGCCAACCC
TGGGCTCCCGGCGCTTCCAGCCAGCCCTGCTCGACCTATCCACCGTGGAGGACCACAACA
CTCAGTACTTCAACTTCGTGGAGCTGCCTGCTGCTGCCCTGCGCTTCATGCCCAAGCCGG
TGTTTCGTGCCAGAGCTGGCCCTCATCGCCAACCGCTTCAACCCCGACAACCTCATGCACG
TCTTTCATGACGACCTGCTGCCACTCTTCTACACCTGCGGCAGTTTCCCGGCTGGCCC
ACGAGGACAGGCTCTTCTTCATGGNAGGCTNNGGCGAGGGTGCACATTTGACCTCTACA
AGCTGCTCAGCCCCAGCAGCCTCTCCTGCGGGCCAGCTGAAGACCCCTGGNCCGGCTGCT
GTGCTTCTCCATGCCTTTTTGTGGGGCTCTNNCAGACACTACCTGGACCAGNATGGGGCT
TTGTGCAGCCCAGGGNCCCGAAGGCACATNCTCGCTAGNCAATGAGA
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032806 unedited <pre> ATGGACCGCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTGCTTAGAATAT TTAATGAATGTTCCAAACACACCCTTCACTGGGCTACAGGTAAATTTCACTGGGATGGAA GCAGATGAACCACCAATCAAACAGTACATGATTACGCGGTTCCAGAAATCTGGATACC AGAAAACTCAGTAGGAAACATCAGGATCACCTAGCCAGAGGTTCTTGATTCTTTGC TTCCTCCTCTCCTCTTCTCCTCCCTGCTAAGGAACTTCTCCAGGGGTACAAATGTTGAG GATGGGAGAAGGGGAAGTCAGGTCCTTATCTCTAGGGCAAAGAGGAGTGCTGTGACACC ACACCCAGAGACAACAAGATGATGTGGAGGCACAGGCCTGCTCAATAAATAGTTCCAG AAGTCTCCACAGTGGGATTAATGGGCCAGGGACGCTGAACTGCAGGAGCCACCTTCCCG AGGCCAGGCTGTGGCCTGCTCGCTACGTGTTGCACACCAGCACATCTGCAAAGGGTCCCA GGAGGATCTTGTGAAGATGCAGCGGACCCACACCAGGTAGGTGGTGAAGGGCTTGATGT TCTCAGTGAAGGTGTGGTCTGCAGAGCCAGGATGTAAGGCACGTAGGTGTTCTCCCCCT GCTCTGCAGCCACACCTCGTACTTCACCTCCCTCACCTTCAGGTATTTAAGGTTCCATG GGATCTGCCAGGAGACAGTGAGGCGGGCCTCGNGAGCGCCATGCACTGACGCCTGGCACC GTGCCTNCCGCACCTTGCTGGATATAGCCGACTGTCCACTTCTGCTTCCGTGGTCCTG GGCCGGGCCTTCACACGCGCCGATGGGNTGATGAGGAATGGGATGTACCTTTGGGTNC TGGTAGATNCCGAGAGCCCTTCGGGGNTCCGCACAGAAATGCCGTGGACTCCGNTTTCGA GATCAGGCTGCTACCGGTCAAGGGGTAGCCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032806
Insert Size:	2390 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:	<u>NM_032806.4</u> , <u>NP_116195.2</u>
RefSeq Size:	2556 bp
RefSeq ORF:	1743 bp
Locus ID:	84892
UniProt ID:	<u>Q8NAT1</u>
Cytogenetics:	3p22.1

Gene Summary:

This gene encodes a protein with glycosyltransferase activity although its function is not currently known. [provided by RefSeq, Sep 2012]