

Product datasheet for **SC115969**

C1orf2 (FAM189B) (NM_006589) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf2 (FAM189B) (NM_006589) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf2
Synonyms:	C1orf2; COTE1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006589, the custom clone sequence may differ by one or more nucleotides

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ATGATGCCCTCGCTAGTGACTCCAGCCGCTCGTGACCAGCCGGCCAGCACCAGGGCCCTTACCCACC
TCCGCCTCCACCACCCTGGCTGCAGGCCCTGCTTACGCTGGGGTGGTCCAAGTGTCTCTGGGCATCCT
GGTGGTCACTTACGATGGTGGCTCTCCGTCACCACCACCGAGAGCATCAAGAGGTCTGCCCCTCT
TGGGCTGGGTTCGCTGGCGTTCTCCGGGTGGTTGGCATTGTGTCTGGAAGCGGCCATTCACTCTAG
TGATCTCCTTCTCTCCTTGCTTTCGGTCTCTGTGCATGCTTAGCATGGCTGGCTCTGTTCTCTCCTG
TAAGAATGCTCAACTGGCCCAGACTTCCAACAGTGTCTCTGGAAGGAAAGGTCTGTGTGTGTGTCCC
TCTGTTCCCTCCTCCGGCCCTGTCCAGAGTCGGGGCAGGAACTGAAAGTTGCCCTAACTCCACCTGTG
ATGAAGCCCGAGGGGCCCTCAAGAACCTGCTCTTACGCGTCTGTGGGCTCACCATTTGTGCCGTATAAT
CTGTACACTCTGCTATTGTCTGCTGCATCCAAATCTTCTCCCTGGACCTCGTGCATACGCTGGCCCT
GAGCGGTCACTCTCAGGCCACTGGGACCTCTGGGCTGCACGTCCCCGCCCCAGCCCTCTCTACACA
CCATGCTGGACCTGGAGGAATTTGTCCGCCTGTGCCCCACCGCCCTACTATCCCCAGAGTATACCTG
CAGCTCAGAAACAGATGCACAGAGCATCAGTACAATGGCTCCATGGACAGCCAGTGCCCTTGTACCCT
ACCGATTGCCCCCTTCTTATGAGGCAGTCATGGGACTACGAGGAGACAGCCAGGCCACTCTCTTGACC
CTCAGCTTACGATGGCTCGTGCATCTGTGAACGAGTGGCCTCCATTGTAGACGTGTCCATGGACAGCGG
GTCTCTGGTGTGTGACGCAATGGTGCCTCCCTGGGGCTCTAGCCCGTCGGAGGACTCGTGCCTGCTG
GAGCTGCAGGGCTCCGTGCGCTCCGTGGACTACGTTCTCTTTCGCTCCATCCAGCGCAGCCGTGCCGGT
ACTGCCTCAGCCTGGACTGTGGCCTGCGGGGCCCTTCGAGGAAAGCCCCCTGCCACGGCGCCCCCAGC
GGCTGCCCGCTCCTATTCTGCTCTGCCCTGAAGTCCACCCCCACTGGGTGCCCCACAGCTGCCCGC
AGCTGCCACCGGTTGAGGGCTGCGCCGCCCTGGGTGGGACCTGCTTCCCGAGCTGAGGCGCGGCCCTC
CCGCGGGAGGGGGCCGCCAGCCGAGCCCGCCACCAGCCGAGCCCGACTCGTCGCTTACGCGATAGCTC
AGGTTCCCTACCCACCGGGGACCGGCCCTCCTCATCCGGCATCCCCACCACCGCTGCTGCTGCCACGG
TCCACAGCGACCCAGGCATCACGACCTCCAGTGACACTGCTGACTTCAGGGACCTTTATACCAAAGTGC
TTGAGGAAGAAGCTGCTTCTGTTTCTCTGAGATACAGGGCTCTGCTCTGAAGCCTGCCTTTCGCTC
AGCCCGTGCCTTCCCCAAGTTGCTACGTGCCCGTCCAGCCGAGAAACGGCGCCCTGTGCCACCTTC
CAAAAAGTTCCCTGCCCTCGGGCCCTGCACCTGCCACTCCCTGGGGGACCTAAAGGGCAGCTGGCCAG
GTGGGGCTGGTCACTGTTTCTCCAGATATCCAGGAAAGCCAGACCCAGTGGGACTGGAGCTCA
TGGACATAAGCAGGTGCCCGGAGCCTGTGGGGCGGCCCTGGCCGAGAGCCTCCACCTTCGCAGCTGC
GGAGATCTGAGCTCTAGCTCTTCCCTGCGGCTCTCTGTCTGGCCGAGGCTGGAGCGTGGTACCCGCC
CCCACAGCCTCAGCCTAACGGGGGAGCCGGGAGACTGGGCTCTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006589 unedited

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NTCATTTACACCCGCCGTTGNCGCAATGGGCGTAGGCGTGTACGGTGGGAGGTCTATA
TAAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGG
CCGCGAATTTCGGCACGAGGGGGAGCGGAGCGTGGTGGGAGGGGAGCGGACAGGCGAC
ACAGGAGACAGCGGCGCCGCGCCCTCTCCACCAGGCGGCCCGGATCCTACTGGACGC
CCTGAGGGCACACCGACCGCCCTCTAGAGTACCCACGCGGACCCCTCCCTCTTCTC
TAGACTTATTTCCATCCTTCCCGCTTTTACCCTCCCCACCCCTCCCTGGGCTCCAGGCCG
CCGCCCCCTCCTACTCCTGGACCGGCCCTTCTCGGTGCCCTCTTCCCTAGGGAGATGC
GATGAGCCGGTGCSCCGCTCCTCATCGTCCGCCGGGACGGTCCCCGTCCAGTGCCC
GTGGTGGGAGGGAGCACTCCGCGTCCCTCCGTGACGCCCTCGCTTGGCCCCCCCAC
AGCTGGCGTCCCTCGCCATGCCCCAGGGGACCCAGCCAGGGGGTGGGCTCTANAGCGAG
TGGGGTGGAGAGGAGAAAGGACCGGCCCTTGGGCGCCTTGGAGATGCTCCCAAGTGCCAC
GGAGGGCCGAGCGAGGCGCAAGCAACCGGGCAGCAAGCATGATGCCCTCCCCCTAGTGAC
TCCAGGCGNTTGGTGAACAGNCGGGCCAGAACAGAGGGCCTTATCCCACTTCGCCTTCA
CCGAACCTGGTTGCAGGCCCTGCTTACCCTGGGGGTTGTGTCCAAGGCCTCCTGGGGATT
CTTGTGGGGCCCTTTAGCCTGGTGGGGTCTTTCGCTCACACCACCCAGAGCTTAAAA
GGCCTGCCCGCTGGGCCGGTCTTCTACT
    
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Gene Summary:

This gene is located near the gene for the lysosomal enzyme glucosylceramidase; a deficiency in this enzyme is associated with Gaucher disease. The encoded protein has been identified as a potential binding partner of a WW domain-containing protein which is involved in apoptosis and tumor suppression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform a).