



<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_080476 unedited NGTCAAATTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGTTATCAT GGCGGCTCCCTTGGTCTGGTGTGGTGGTGGTGTGACAGTGCGGGCGGCCTTGTCCG CTCCAGTCTGGCCGAGTTCATTTCCGAGCGGGTGGAGGTGGTGTCCCACTGAGCTTTG GAAGAGAGTGGTTGAAGGCCTTCTACTGTTGGACTTGGGAGTATCTCCGTATTCTGGAGC AGTATTTTCATGAAACTCCATTAATAATATACCTTTTCATTTCCCTAATTGACTATGCTGA ATTGGTGTATGATAACTGATGCACTCACTGCTATTGCCCTGTATTTTGCAATCCAGGA CTCAATAAAGTTGTGTTTAAAAAGCAGAACTCCTCTAGAAGTGGACCAGTATGCCCC AGATGTGGCCGAACCTCATCCGGACCCCTATGAAATGCGTTACATCCCTTTGAAAGTGGC CCTGTTCTATCTCTAAATCCTTACACGATTTTGTCTTGTGTTGCCAAGTCTACCTGTGC CATCAACAACACCCTCATTGCTTTCTTCATTNTGACTACGATAAAAGGCAGTGTCTTCT CAGTGCTATTTTTCTTGCCTTAGCGACATACCAGTCTCTGTACCCACTCACCTTGTTTGT CCCCAGACTCCTCTATCTCCTCCAGCGGCAGTACATACCTGTGAAATGAAGAGCANAGC CTTCTGGATCTTTCTTGGGAGTATGCCATGATGTATGTGGGAAGCCTAGTGGGTATCAT TTGCCTCTCCTTCTCTCTAGCTCTTGGGATTCATCCCCGAGNCTATGCCTTATAC TTTCTGTTCCAGATCTCACTCCAACATTGGTCTTTCTGGTACTCTTTGCANAGATGTT TGACCACTTCAGCCTCTTCTTTGAT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_080476
<b>Insert Size:</b>	1750 bp
<b>OTI Disclaimer:</b>	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.
	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_080476.4</a> , <a href="#">NP_536724.1</a>
<b>RefSeq Size:</b>	1833 bp

RefSeq ORF: 1308 bp

Locus ID: 128869

UniProt ID: [Q9H490](#)

Cytogenetics: 20q11.22

Protein Families: Transmembrane

Protein Pathways: Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

Gene Summary: The protein encoded by this gene shares similarity with *Saccharomyces cerevisiae* Cdc91, a predicted integral membrane protein that may function in cell division control. The protein encoded by this gene is the fifth subunit of GPI transamidase that attaches GPI-anchors to proteins. [provided by RefSeq, Jul 2008]