

Product datasheet for SC208059

COG2 (NM_001145036) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COG2 (NM_001145036) Human 3' UTR Clone
Symbol:	COG2
Synonyms:	CDG2Q; LDLC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145036
Insert Size:	619 bp
Insert Sequence:	<p>>SC208059 3'UTR clone of NM_001145036</p> <p>The sequence shown below is from the reference sequence of NM_001145036. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAGGACCAGGCAACAGCAGAGCAGCCTTAAGCATCTTGGAAGATCCCGAGGTTAGATTCTTAAGCAAGA
GAAGAGTTGGACTTCCAGGCTGAAGGGGAGAAAGTGACTCTGTTCTCTTAGCAACCGTCTGTAGCAAAG
AAGTGCTTCCAGCATCACTCCAGCAACACGCCCATGCGTCTTCTCTCAGCGTATTTGGGTCTTCTTGC
CCAAAAGAACACAAAAGCCTTTTCCATTGTATGGAAGATAGTTTTTAAGACATTTGAACTTTCTACT
ATAGTTTACAGAACAAATTATTTTATTTTATTGTAAATCTTAGTGGAAGAGCTGATTTCTAAAATA
TGATTAAAGTAAATATATACCTATGAATATCAAGAGTCGTCTCCCTGAGCCTGTAGTTGGAAGTGACGA
CTGTAATGGAATGATGTCTTGTATAGAAATGCCCTTCTCTGAAATAAAGAGAACTCCTGGGCTTTCTAA
AGAGGCTGCGGGAAGCCATCCTCCACTCCCACTGTGTGTGAGAGCAGTGCTTCTGATCCTGCTGTACC
CCGACCTCTGGCAGGAGCCGCGCCAGTAGGAAAGACCTCCTTCCTAAATAAAGAAAGTGCTCCCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).


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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001145036.2</u>
Summary:	This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi complex. The encoded protein specifically interacts with the USO1 vesicle docking protein and may be necessary for normal Golgi ribbon formation and trafficking of Golgi enzymes. Mutations of this gene are associated with abnormal glycosylation within the Golgi apparatus. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2009]
Locus ID:	22796
MW:	23.6