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Product datasheet for SC120578

COG4 (NM_015386) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COG4 (NM_015386) Human Untagged Clone
Tag:	Tag Free
Symbol:	COG4
Synonyms:	CDG2J; COD1; SWILS
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_015386, the custom clone sequence may differ by one or more nucleotides

ATGGGGACCAAGATGGCGGACCTTGATTCGCCTCCGAAGCTGTCAGGGGTGCAGCAGCCGTCTGAGGGGG
TGGGAGGTGGCCGCTGCTCCGAAATCTCCGCTGAGCTCATTCGCTCCCTGACAGAGCTGCAGGAGCTGGA
GGCTGTATACGAACGGCTCTGCGGCGAGGAGAAAGTGGTGGAGAGAGAGCTGGATGCTCTTTTGGAACAG
CAAAACACCATTGAAAGTAAGATGGTCACTCTCCACCGAATGGGTCCTAATCTGCAGCTGATTGAGGGAG
ATGCAAAGCAGCTGGCTGGAATGATCACCTTTACCTGCAACCTGGCTGAGAATGTGTCCAGCAAAGTTCG
TCAGCTTGACCTGGCCAAGAACCGCCTCTATCAGGCCATTCAGAGAGCTGATGACATCTTGGACCTGAAG
TTCTGCATGGATGGAGTTCAGACTGCTTTGAGGAGTGAAGATTATGAGCAGGCTGCAGCACATACTCATC
GCTACTTGTGCCTGGACAAGTCGGTCATTGAGCTCAGCCGACAGGGCAAAGAGGGGAGCATGATTGATGC
CAACCTGAAATTGCTGCAGGAAGCTGAGCAACGTCTCAAAGCCATTGTGGCAGAGAAGTTTGCCATTGCC
ACCAAGGAAGGTGATCTGCCCCAGGTGGAGCGCTTCTTCAAGATCTTCCCACTGCTGGGTTTGCATGAGG
AGGGATTAAGAAAGTTCTCGGAGTACCTTTGCAAGCAGGTGGCCAGTAAAGCTGAGGAGAATCTGCTCAT
GGTGCTGGGGACAGACATGAGTGATCGGAGAGCTGCAGTCATCTTTGCAGATACACTTACTCTTCTGTTT
GAAGGGATTGCCCGCATTGTGGAGACCCACCAGCCAATAGTGGAGACCTATTATGGGCCAGGGAGACTCT
ATACCCTGATCAAATATCTGCAGGTGGAATGTGACAGACAGGTGGAGAAGGTGGTAGACAAGTTCATCAA
GCAAAGGGACTACCACCAGCAGTTCCGGCATGTTCAGAACAACCTGATGAGAAATTCTACAACAGAAAAA
ATCGAACCAAGAGAACTGGACCCCATCCTGACTGAGGTCACCCTGATGAATGCCCGCAGTGAGCTATACT
TACGCTTCCTCAAGAAGAGGATTAGCTCTGATTTTGAGGTGGGAGACTCCATGGCCTCAGAGGAAGTAAA
GCAAGAGCACCAGAAGTGTCTGGACAAACTCCTCAATAACTGCCTTTTGAGCTGTACCATGCAGGAGCTA
ATTGGCTTATATGTTACCATGGAGGAGTACTTCATGAGGGAGACTGTCAATAAGGCTGTGGCTCTGGACA
CCTATGAGAAGGGCCAGCTGACATCCAGCATGGTGGATGATGTCTTCTACATTGTTAAGAAGTGCATTGG
GCGGGCTCTGTCCAGCTCCAGCATTGACTGTCTCTGTGCCATGATCAACCTCGCCACCACAGAGCTGGAG
TCTGACTTCAGGGATGTTCTGTGTAATAAGCTGCGGATGGGCTTTCCTGCCACCACCTTCCAGGACATCC
AGCGCGGGGTGACAAGTGCCGTGAACATCATGCACAGCAGCCTCCAGCAAGGCAAATTTGACACAAAAGG
CATCGAGAGTACTGACGAGGCGAAGATGTCCTTCCTGGTGACTCTGAACAACGTGGAAGTCTGCAGTGAA
AACATCTCCACTCTGAAGAAGACACTGGAGAGTGACTGCACCAAGCTCTTCAGCCAGGGCATTGGAGGGG
AGCAGGCCCAGGCCAAGTTTGACAGCTGCCTTTCTGACTTGGCCGCCGTGTCCAACAAATTCCGAGACCT
CTTGCAGGAAGGGCTGACGGAGCTCAACAGCACAGCCATCAAGCCACAGGTGCAGCCTTGGATCAACAGC
TTTTTCTCCGTCTCCCACAACATCGAGGAGGAAGAATTCAATGACTATGAGGCCAACGACCCTTGGGTAC
AACAGTTCATCCTTAACCTGGAGCAGCAAATGGCAGAGTTCAAGGCCAGCCTGTCCCCGGTCATCTACGA
CAGCCTAACCGGCCTCATGACTAGCCTTGTTGCCGTCGAGTTGGAGAAAGTGGTGCTGAAATCCACCTTT
AACCGGCTGGGTGGTCTGCAGTTTGACAAGGAGCTGAGGTCGCTCATTGCCTACCTTACCACGGTGACCA
CCTGGACCATCCGAGACAAGTTTGCCCGGCTCTCCCAGATGGCCACCATCCTCAATCTGGAGCGGGTGAC
CGAGATCCTCGATTACTGGGGACCCAATTCCGGCCCATTGACGTGGCGCCTCACCCCTGCTGAAGTGCGC
CAGGTGCTGGCCCTGCGGATAGACTTCCGCAGTGAAGATATCAAGAGGCTGCGCCTGTAG

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_015386 unedited
GTGCAAATTTTGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGCCAAGA
GGCGGACCTTGATTCGCCTCCGAAGCTGTCAGGGGTGCAGCAGCCGTCTGAGGGGGTGGG
AGGTGGCCGCTGCTCCGAAATCTCCGCTGAGCTCATTCGCTCCCTGACAGAGCTGCAGGA
GCTGGAGGCTGTATACGAACGGCTCTGCGGCGAGGAGAAAGTGGTGGAGAGAGAGCTGGA
TGCTCTTTTGGAACAGCAAAACACCATTGAAAGTAAGATGGTCACTCTCCACCGAATGGG
TCCTAATCTGCAGCTGATTGAGGGAGATGCAAAGCAGCTGGCTGGAATGATCACCTTTAC
CTGCAACCTGGCTGAGAATGTGTCCAGCAAAGTTCGTCAGCTTGACCTGGCCAAGAACCG
CCTCTATCAGGCCATTCAGAGAGCTGATGACATCTTGGACCTGAAGTTCTGCATGGATGG
AGTTCAGACTGCTTTGAGGAGTGAAGATTATGAGCAGGCTGCAGCACATATTCATCGCTA
CTTGTGCCTGGACAAGTCGGTCATTGAGCTCAGCCGACAGGGCAAAGAGGGGAGCATGAT
TGATGCCAACCTGAAATTGCTGCAGGAAGCTGAGCAACGTCTCAAAGCCATTGTGGCAGA
GAAGTTTGCCATTGCCACCAAGGAAGGTGATTTGCCCCNAGTGGAGCGCTTCTTCAAGAT
CTTCCCCACTGCTGGTTTGCATGAGGAGGGATTAAGAAAAGTCTCGGAGTACCTTTGCAA
AGCAGTGGCCAGTAAAGCTGAGGAGAATCTGCTCATGGNTGCTGNGACAGACATGAGTGA
TCGGAGAGCTGCAGTCATCTTTGCAGATACACTACTCTNCTGNNTGAAGGGNATGCCCNG
CATGTNNGAGACCACCANCCATAGTGGAGACCTATATGGCCCAGGAG
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Restriction Sites: NotI-NotI

ACCN: NM_015386

Insert Size: 3600 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).

RefSeq: NM_015386.1, NP_056201.1

RefSeq Size: 2838 bp

RefSeq ORF: 2838 bp

Locus ID: 25839

UniProt ID: Q9H9E3

Gene Summary: The protein encoded by this gene is a component of an oligomeric protein complex involved in the structure and function of the Golgi apparatus. Defects in this gene may be a cause of congenital disorder of glycosylation type IIj. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2010]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).