

Product datasheet for **MC204016**

Cog4 (NM_133973) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cog4 (NM_133973) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cog4
Synonyms:	AW554810; D8Ertd515e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC023120
 CAAGATGGCGGAGGTGGAGTCTCCGCTGAAATTGTCAGGAGCTCCTCCGCCACCGGAGGGGGTGGGAGGA
 GGACACTGCTCCGAAATCTCCACCGAGCTCATTGCTCTCTGACAGAGCTGCAGGAGCTGGAAGCTGTGT
 ACGAACGACTCTGTGGCGAGGAGAAAGCGGTGGAGAAAGAACTGGATGCTCTTTTGAACAGCAGAACAC
 CATTGAAAGTAAGATGGTCACTCTCCACAGGATGGGTCCCAGCCTGCAGTTGATTGAGGGAGACGAAAG
 CAACTGGCTGGAATGATCACCTTTACCTGCAGCCTAGCTGAAAACGTGTGAGCAAAGTCCGTGAGTTG
 ACCTGGCCAAGAACCGCCTCTATCAGGCCATTAGAGAGCCGATGACATCTTGGACCTGAAGTTCTGCAT
 GGATGGAGTTTCAGACTGCTTTGAGGAATGAGGATTATGAGCAGGCTGCAGCCACATTTCGTTACTTG
 TGCTGGACAAGTCAGTCATTGAGCTCAGCCGACAAGGCAAGAAAGGAAGCATGATTGATGCCAACCTGA
 AATTACTGCAGGAAGCTGAGCAACGCTTAAAGCCATAGTCGAGAGAAGTTTGTATCGCTACCAAAGA
 AGGTGATTTGCCAGGTGGAGCGATTCTCAAGATCTTCCCAGTCTGGGTTTACATGAGGATGGCCTG
 AGCAAGTTCTCGGAATACCTGTGCAAACAGGTCCGAGTAAGGCTGAGGAGAATCTGTTGTTGGTGTGG
 GCTCAGACATGAGTATCGGAGAGCTGCGGTTCATCTTTCGGATACTCTCACACTCTGTTGAAGGGAT
 CGCCCGAATTGTGAAACTCACCAACCCATCGTGGAGACTTACTATGGACCAGGGCGACTCTTACCTG
 ATCAAATATCTTCAAGTAGAATGTGACACACAGGTGGAGAAGGTCGTAACAAGTTCATCAAGCAAAGGG
 ACTACCACCAGCAGTTTTCGGCTCGTCCAGAGTAATTTGATGAGAAATTCTGCAACAGAAAAAATTGAACC
 AAGGGAGCTGGACCTGTCTTACTGAGGTTACCTGATGAATGCGCGAAGTGAAGTGTACTTACGCTTC
 CTCAGGAAGAGGATCAGCGCGGATTTTGGAGTGGGGGACTCCATGGCTTCAGAAGAAGTAAAGCAAGAGC
 ACCAGAAGTGCCTGGACAAACTCCTCAATAACTGCCTATTGAGCTGTACCATGCAGGAGCTAATTGGCTT
 CTATATTACCATGGAGGAGTACTTCATGAGAGAGACGGTCAATAAGGCTGTGGCTCTGGATACCTATGAG
 AAAGGCCAGTTGACATCCAGCATGGTGGATGATGCTTCTACATTGTCAAAAAGTGCATTGGGCGGGCTC
 TGTCAGCTCTAACATCGACTGTCTGTGCCATGATCAACCTTGCCACCAGAGAGCTGGAAGCTGACTT
 CAGGGATGTTCTATGTAATAAGCTAAGAATGGCTTCCCAGCCACCCTTACAGGACATCCAGCTGGG
 GTGACAAGTGCCGTGAACATCATGCACAGCAGCCTCCAGCAGGGCAAGTTTGCACCAAAGGCATCGAGA
 GCACTGATGAAGCCAAGCTGTCTTCTGCTGACTCTGAACAATGTGGAAGTCTGCAAGTGAACATCTC
 AACTCTGAAGAAGACTCTGGAGAGTACTGCACCAAGCTCTTCAAGTCAAGGCAATTGGAGGGGAACAGGCC
 CAGGCCAAGTTTGCAGCTGCCTTTCTGACTTAGCTGTGTCCAACAAATTTGCAGACCTCTTGCAGG
 AAGGGTTGGCGGAGCTCAACAGTTCAGCAGTCAAGCCGAGGTGCAACCTTGGATCAACACTTTTCTCTC
 AGTCTCGCACAGCATCGAGGAGGAAGAATCAACGACTATGAGGCCAATGACCCCTGGGTACAGCAATTC
 ATCCTCAACCTGGAACAGCAGATGGCAGAGTTCAGGCCAGCCTGTCCCAGTCTATGACAGCCTAA
 CCGGCCTCATGACCAGCCTTGTGCTGTGAAGTGGAAAAAGTGGTCTGAAATCCACCTTCAACAGGCT
 GGGCGGTCTGCAGTTTGACAAGGAACTCCGGTCACTCATTGCTTACCTTACCAGTGTGACAACTGGACC
 ATCCGAGACAAGTTCCGCCGCTCTCTCAGATGGCTACAATCCTTAACCTAGAGCGGGTACTGAGATAC
 TAGATTACTGGGGTGCTAACTCTGGCCCTTTGACATGGCGCCTCACCCCTGCTGAAGTGCAGAGGTGCT
 GGCTCTGCGCATAGACTTCCGCAATGAGGATATCAAGAGGCTGCGCCTATAGCTGCCATGTGGCCCGCCA
 GACTTCAGGACCTGTTTTCTAAGCAGTTACAGCCAAAGAGCTATGCAAAACTGTCTGGCTTGGGTGAGCC
 AAAGGTCCAGGCTACACCACTGCATGGAACCAGGAAGCAAGGAGTCACTCACTGCAAAGTTCTTCCCA
 GGAGCAGTTACGGCTGGAGGCTAAAAGGGAGAGCTTTTCCAACAGAGAGGTGGGGACTAAGTGGGCAGCA
 TATGCTGGCCATCTGTTACTCTCTCGCCCGCACACTACAACACACATGCCCATGACAGCAGGGAGGTTG
 GAGGTACTGGGACTTAACGGCAAGGCTATGATGTTCACAAATAAAGACTACTGAGAAAAA AAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133973

Insert Size: 2358 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:	<ol style="list-style-type: none">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>BC023120</u> , <u>AAH23120</u>
RefSeq Size:	2737 bp
RefSeq ORF:	2358 bp
Locus ID:	102339
UniProt ID:	<u>Q8R1U1</u>
Cytogenetics:	8 57.76 cM
Gene Summary:	Required for normal Golgi function. Plays a role in SNARE-pin assembly and Golgi-to-ER retrograde transport via its interaction with SCFD1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer isoform (1).