

Product datasheet for **MC221914**

Cog3 (NM_177381) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cog3 (NM_177381) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cog3
Synonyms:	E430004N23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221914 representing NM_177381
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGGCGCGCTGCTGCTGCCGCCAGGCGCGGCCGAGCGGGACGCCCGGAGAAGCTGTCTC
 TCTGGGATGGGAGACCCGACTCGATGGCCCGCTGACAGACAGGACAGCGACTCGGTGCTGGAGCTCAA
 GGCGGCCGTGGAGAACCCTGCCGGTGCCCGGAGCTCCCAATTGAAGATGTATGCAGCTTAGCATCCAG
 TCGCTGCCATTGAGCTGACTGTGTAGTGCCTGACTCTACAGAAGACATCCTGTTAAAGGGCTTCACTT
 CCTTAGGAATGGAAGAAGAAAGGATTGAGACTGCGCAGCAGTTTTTCTCATGGTTTGCAAACTGCAAAAC
 TCAGATGGATCAGGATGAAGGAATAAATATAGACAGATGAGGGATTACTTGTCTGGTTTCAGGAACAG
 TGTGATGCTATACTGAATGACGTGAACAGTGTCTGCAGCATCAGGAGTCGTTGCAGAAACAGTATCTTT
 TTGTGTCCAATAAGACAGGAACCTTCATGAAGCCTGTGAACAGCTCCTAAAAGAACAGTCGGAGCTTGC
 TGATCTTGCTGAGCACATCCAACAGAAGCTGTCTTATTTAATGAGTTGGAGACGATTAACACAAAATTG
 AATTCCCTACGTTGCTGTGAATAGTGAAGGATTTATCCCTATGTTGGCCAAGTTAGATGATTGTATAA
 CATATATTTTCATCGCATCCTAATTTTAAAGATTATCCTGTATACTTACTGAAGTTTAAACAATGTCTTTC
 TAAAGCTTTGCACCTCATGAAGACATACTGTGAACACACTGCAGACTCTCACAAATCAGTTACTAAAA
 AGGGACCCCTCATCAGTCCCTAATGCAGACAATGCCTTACACTATTTTATGTGAAATTTTCGAGCCGCTG
 CCCCTAAAGTCAGAACTAATTGAACAGATAGAGCAACGATCTGAAAAGATACCCGAATACCAGCACCT
 TCTCAATGACATCCACAGTGTTACCTTGATCAGCGGGAGCTCCTTTGGGCCAAGTATTGCCTACACT
 GTCACAGAGTTAACACAGCAGAACAACAGAGACCATTGTGCCTTGGTTCGAGTGGCTGTGCCTTTATGG
 TCCATGTCTGCCAAGATGAGCACCACTTTACAATGAATTTTTCACAAAGCCAACATCAAAATTAGATGA
 GCTATTGGAGAAAATTGTGCGTGTGCTGTATGATGTGTTCCGGCCCTTGATCATCCATGTCACTTCA
 GAGACTTTATCGGAGCTCTGTGGGATTCTTAAAAACGAAGTGCTTGAAGACCACGTACAGCACAACGCTG
 AACAACTGGGGCATTTCGAGCTGGAGTAAAGCAGATGTTGGAAGATGTACAAGAGAGGCTTGTGTATCG
 AACCCATATCTACATTACAGCGGACATCACAGGCTACAAACCAGCGCCTGGAGATCTGGCATATCCTGAT
 AAGCTAGTCATGATGGAGCAAATCGCACAGAGTTTAAAGGATGAGCAGAAGAAGGCGCCTCAGAAGCTT
 CCTTTTCAGATGTACGGTTAGAAGAAGGAGAAGCCAGTGGTTTAAAGAAAGTCTGGTTCAACAGACTCCCT
 CAATCCTAGACCACAGACGACGATCTCTCCAGCAGATCTTACGGGATGTGGTATCCACAGTTCGAAGG
 ACACTTGTCTGTCTCTCCAAATTATATAGATGCATAGATAGGGCGGTGTTCCAAGGATTATCACAGGAAG
 CCTTGTCTGCCTGCATACAGTCTTGTAGGAGCATCAGAGTCTATCAGCAAAAACAAGACTCAGATTGA
 TGGACAACTTTTCTTAATTAACACCTTTTGATTCTTCGAGAACAATGCTCCATTTTCACACTGAATTC
 ACCATTAAGGAAATTTCCCTGGACCTCAAGAAAACCTAGAGATGCAGCATTTAAAACTGAAACCCTATGA
 CTGTTCCACGATTTTTAGGCTGAATAGCAACAATGCCTTGATAGAGTCTTGTGGAGGGGACTCCTGA
 GATCAGAGAACATTATCTTGACTCTAAGAAGGACGTAGACCGGCACCTGAAGTCAGCCTGTGAGCAGTTC
 ATTCAGCAGCAGACCAGGCTGTTGTAGAGCAGCTGGAGGAGTTCATGACAAAGGTATCAGCATTGAAAA
 CCATGGCCAGCCAGGGAGGCCCAAGTACACCTCTCACAGCAGCCGTGGGCACAGCCAGCAAAGGTCAA
 TGACCTCGTGGCCACTGCCTACAAGACAATAAAGACGAAGCTGCCGCTGACACTGAGAAGCATGGCTTTG
 TATTTGTCCAATAAGGACACGGAGTTCATCTTGTTTAAGCCTGTGAGGAATAACATTTCAGCAAGTCTCC
 AGAAGTTCACGCTCTGCTAAAGGAAGAGTTCAGTTCTGAAGACATCCAATCATTGCTTGTCTCCAT
 GGAACAGCTGAACCTCCTGCTGTCAGTTTCAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_177381
Insert Size: 2487 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>NM_177381.3</u> , <u>NP_796355.2</u>
RefSeq Size:	4222 bp
RefSeq ORF:	2487 bp
Locus ID:	338337
Cytogenetics:	14 D3