

Product datasheet for **MC220954**

Cog3 (BC038030) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cog3 (BC038030) 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: >BC038030
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGAGGCGGCGGCCGAGCGGGACGCCCGGAGAGCTGTCTCTCTGGGATGGGAGACCGGACTCGA
 TGGCGCCGCTGACAGACAGGCAGACGGACTCGGTGCTGGAGCTCAAGGCGCCGTGGAGAACCTGCCGGT
 GCGCGCCGAGCTCCCAATTGAAGATGTATGCAGCTTAGCATCCAGTCGCTGCCATTGAGCTGACTGCT
 GTAGTGCCTGACTCTACAGAAGACATCCTGTTAAAGGGCTTCACTTCTTAGGAATGGAAGAAGAAAGGA
 TTGAGACTGCGCAGCAGTTTTTCTCATGGTTTGCAAACTGCAAACTCAGATGGATCAGGATGAAGGAAC
 TAAATATAGACAGATGAGGGATTACTTGTCTGGGTTTCAGGAACAGTGTGATGCTATACTGAATGATGTG
 AACAGTGTCTGCAGCATCTGGAGTCGTTGCAGAAACAGTATCTTTTGTGTCCAATAAGACAGGAACCTC
 TTCATGAAGCCTGTGAACAGCTCCTAAAAGAACAGTCGGAGCTTGCTGATCTTGCTGAGCACATCCAACA
 GAAGCTGTCTTATTTAATGAGTTGGAGACGATTAACACAAAATTGAATCCCTACGTTGTCTGTGAAT
 AGTGAAGGATTTATCCCTATGTTGGCCAAGTTAGATGATTGTATAACATATATTTTCATCTCATCCTAATT
 TTAAGATTATCCTGTATACTTACTGAAGTTTAAACAATGTCTTTCTAAAGCTTTGCACCTCATGAAGAC
 ATATACTGTGAACACACTGCAAACTCTCACAATCAGTTACTAAAAAGGGACCCCTCATCAGTCCCTAAT
 GCAGACAATGCCTTCACACTATTTATGTGAAATTTGAGCCGCTGCCCTAAAGTCAGAACTCTAATTG
 AACAGATAGAGCAACGATCTGAAAAGATACCCGAATACCAGCACCTTCTCAATGACATCCACCAGTGTTA
 CCTTGATCAGCGGGAGCTCCTTTTGGGCCCAAGTATTGCCTACACTGTCACAGAGTTAACCAGCCAGAAC
 AACAGAGACCATTGTGCCTTGGTTCGAGTGGCTGTGCCTTTATGGTCCATGTCTGCCAAGATGAGCACC
 AACTTTACAATGAATTTTTCACAAAGCCAACATCAAAATTAGATGAGCTATTGGAGAAATTGTGCTGTGC
 GTTGATGATGTGTTCCGGCCTTTGATCATCCATGTCTTCACTTAGAGACTTTATCGGAGCTCTGTGGG
 ATTCTTAAAAACGAAGTCTTGAAGACCAGTACAGCACAACGCTGAACAACCTGGGGCATTTGACGCTG
 GAGTAAAGCAGATGTTGGAAGATGTACAAGAGAGGCTTGTGTATCGAACCATATCTACATTGACAGCGA
 CATCACAGGCTACAAACCAGCGCCTGGAGATCTGGCATATCCTGATAAGCTAGTCATGATGGAGCAAATC
 GCACAGAGTTTAAAGGATGAGCAGAAGAAGGCGCCTTCAGAAGCTTCTTTTCAGATGTACGGTTAGAAG
 AAGGAGAAGCCAGTGGTTTAAAGAAAGTCTGGTTCAACAGACTCCCTCAATCCTAGACCACAGACGACGAT
 CTCTCCAGCAGATCTTACGGGATGTGGTATCCACAGTTCGAAGGACACTTGTCTGTCTCTCCAAATTA
 TATAGATGCATAGATAGGCGGTGTTCCAAGGATTATCACAGGAAGCCTTGTCTGCCTGCATACAGTCCT
 TGCTAGGAGCATCAGAGTCTATCAGCAAAAACAAGACTCAGATTGATGGACAACCTTTCTTAATTAACA
 CCTTTTGATTCTTCGAGAACAATTGCTCCATTTCACTGAATTCACCATTAAAGAAATTTCCCTGGAC
 CTCAAGAAAAGTAGAGATGCAGCATTTAAATCCTGAACCCTATGACTGTTCCACGATTTTTTAGGCTGA
 ATAGCAACAATGCCTTGATAGAGTTCTTGTGGAGGGGACTCCTGAGATCAGAGAACATTATCTTGACTC
 TAAGAAGGACGTAGACCGGCACCTGAAGTCAGCCTGTGAGCAGTTCATTGAGCAGCAGACCAGGCTGTTT
 GGAGAGCAGCTGGAGGAGTTCATGACAAAGGTATCAGCATTGAAAACCATGGCCAGCCAGGGAGGCCCA
 AGTACACCCTCTCACAGCAGCCGTGGGCACAGCCAGCAAAAGTCAATGACCTCGTGGCCACTGCCTACAA
 GACAATAAAGACGAAGCTGCCGCTGACACTGAGAAGCATGGCTTTGTATTTGTCCAATAAGGACACGGAG
 TTCATCTTGTGTTAAGCCTGTGAGGAATAACATTACGAAGTCTTCCAGAAGTTCCACGCTGTGCTAAAGG
 AAGAGTTCAGTTCTGAAGACATCCAATCATTGCTTGTCTTCCATGGAACAGCTGAACCTCCTGCTGTC
 AGTTTCAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC038030
Insert Size: 2463 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC038030, AAH38030</u>
RefSeq Size:	4249 bp
RefSeq ORF:	2462 bp
Locus ID:	338337
Cytogenetics:	14 D3