

Product datasheet for **SC111508**

CNTROB (NM_053051) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNTROB (NM_053051) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNTROB
Synonyms:	LIP8; PP1221
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111508 sequence for NM_053051 edited (data generated by NextGen Sequencing)

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ATGGCAACATCAGCTGACAGCCCCAGTTACCCCTCGGGCGGAGGATCTCCTGAGTGAT
TCATCAGAACCCCTGGGCTCAACCAAGTGTCTGTAAGTGACCTCCCAGCTCTATGCT
TCTTTGCGCCTCAGCCGGCAGGCGGAGGCCACGGCCGAGCCAGCTGTATTTACCTCC
ACCTCCCCGCCTCATGAAGGGTTAGACGGCTTCGCCAAGAATTGAGTCGAAGCTTGTC
GTCTGATTGAAAAAGAACTTGAAGAAAAAGGATGGTTCTAAGCATATCTTTGAGATGGAA
AGTGTTTCGGGGTCAGCTCCAGACCATGCTCCAAACCTCACGTGATACAGCCTATCGGGAT
CCTCTCATTCTCGGCGCTGGCTCAGAGAGACGGGAAGAGGACTCCTTTGACAGTGATAGC
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GCCCTGGAGGAGCTGTTTCCCCGCTACACCAGCCTTCGGCCAGGGCTCCACTCAATCCC
CCAGATTTTCAGGGGCTGAGAGATGCATTGGATTACAGAGCATACCCGCCGAAGCATTGT
GAGCGCCATATTCAGAGCCTGCAGACCCGAGTGTTAGAGCTACAGCAACAATTAGCCGTG
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CGTGTGGTGGAGGGCTGGAACCGCATGAGGCTGAGCGGACAGAGTTCTCAGGGGACTT
CAAGAGGAACACCAGGCAGCAGAGCTCACCAGAAGCAAGCAGCAGGAGACAGTAACCCGC
CTGGAACAAAGCCTTTCTGAGGCCATGGAGGCCCTGAATCGTGAGCAGGAAAGTGCCAGA
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GAAAGCCAGCGGATCCAGCTGGAGTGGAGCTGGCTGTGCAGCTGGAGCAGCGGGTGACA
GAGCGGTGGCGCAGGCTCAGGAGAGCAGCCTACGGCAAGCAGCCTCCCTCAGGGAACAT
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TGGGATGAGGCCAACAGCTGCTCAGCACCCTCTCCCGCGCCCAACCTCCAGCTCCT
CCTGCTGGACCTCCAGCCCCGGGCTCAGGAGCCCGAGAAGGAGGAGAGGAGGTCTGG
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GACGAGCTACCTGGAGCGCTCCTGTTCTTTGCAGTTCTCCTCAGATCTTAGCCTCCTG
TTGGGCCCTCTTTTCAGAGCCAGCATTCTTCCAGCCCTGGAGCCCAAACAGACCTC
ACTTCATCCACAGCTGGGGCCTTCTCTGCACTTGGGGCCTTCCATCCCGATCATAGGGCA
GAAAGGCCATTCCCTGAGGAAGATCCTGGACCTGACGGGGAGGGCCTCCTAAAGCAAGGG
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CCCCAGAACAATGAGAACCCTTCTGTGACCTGTTGCCCTAAGTCTGGTCTCTGACT
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TCACAAGGCAGTGGTCCCAGCAGTGTTCCCCAGAGAGAGGTGGAGATGGGCTTACATTC
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AAAGAGATTCCCTCCCAGGCTGTCCCTCGCGCCTTGCTACAGCCCCAAGACTGAAAAA
CCTCCCGCACGGAAGAAAAGTGGGCACCCTGCCCCGAGTAGCATGAGGAGCCGGGGGGA
GTCTGGAGATGA
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Clone variation with respect to NM_053051.3

Restriction Sites: Please inquire

ACCN:	NM_053051
Insert Size:	4000 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).
OTI Annotation:	This is a TrueClone. Both ends and digest are confirmed.
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.
RefSeq:	<u>NM_053051.1</u> , <u>NP_444279.1</u>
RefSeq Size:	3657 bp
RefSeq ORF:	2712 bp
Locus ID:	116840
UniProt ID:	<u>Q8N137</u>
Cytogenetics:	17p13.1
Gene Summary:	This gene encodes a centrosomal protein that interacts with BRCA2, and is required for centriole duplication and cytokinesis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (1) represents the predominant transcript, and encodes isoform alpha.