

Product datasheet for **MC201051**

Ncald (NM_134094) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncald (NM_134094) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ncald
Synonyms:	A1848120; D030020D09Rik; D15Ertd412e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC011162 sequence for NM_134094
CGGACGCGTGGGCGGACGCGTGGGCGGACGCGTGGGTGGATGCTGGACCTTGCTGCTGCTGCTGCCGCCG
CCGCCGCTGTTGCTGTCCCTACAGCTGTGGTTGTTGCTTCCCAGGGGCTGCAGGAGCATGGACTACTAAA
CCCCACTTCTTCAGCGTGAGTTGAATCTTGTGCCAGAATGGGAAACAGAACAGCAAGCTGCGCCCT
GAAGTCATGCAGGACTTACTGAAAGCACAGACTTCACAGAGCACGAGATCCAGGAGTGGTACAAAGGCT
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GCATTGTTTTGCTGTGTTTCCAGAGATCTCTGTGGAGGAAATGGAGCCTGTTTTGTTCCAAGTAAAGGCAGC
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TACCTCGTTAGGATGGAGGAGGGGATGCTGTGGGTACCACCCACCCAGCAGTACTCCTGGGGACTT
TCTACAGATGAATTAATAATATATATGTCATACTATGTGAATGGTCCCCTTATCAGTTGGTTGTGTAG
CTCTTGCCTGGCATTAAAGCATGTTTATTTTATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

RsrII-NotI

ACCN:	NM_134094
Insert Size:	582 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:	BC011162 , AAH11162
RefSeq Size:	3355 bp
RefSeq ORF:	582 bp
Locus ID:	52589
UniProt ID:	Q91X97
Cytogenetics:	15 14.94 cM
Gene Summary:	May be involved in the calcium-dependent regulation of rhodopsin phosphorylation. Binds three calcium ions (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1 through 11 encode the same protein.