

Product datasheet for **MG208751**

Rcbtb2 (NM_134083) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcbtb2 (NM_134083) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Rcbtb2
Synonyms:	2610028E02Rik; 2810420M18Rik; AI448345; AW240694; Chc1l; RC/BTB2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG208751 representing NM_134083
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAAGAAGAAGTGCCTGGTTTCTATGGAGAAGTGGCAAGTCAGTACAGGCTACCTGTGCATCGTTGA
 AGATGTTAGATGTGGAAAGTGGCAATTTTTCCCTTTGTTCTGAGGAAGATACAGTTGATTGTCGA
 GGCTTGTGTCTTCGCGCAGTGTGGCAATGAAGTTTATACACTACAGTCAACGATGAGATTTTTGTGCTT
 GGCACAACTGCAGTGGCTGTCTGGGGTAGGCGACATTCAGAGCACTATTGAGCCTCGGAGACTGGATT
 CTCTAACTGGCAAAAAATAGCCAGCCTCAGCTATGGGAGTGGCCCTCATATCGTCCTTGCACAAACAGA
 TGGAGAAGTCTTTACCTGGGGTCAATGCTTATAGCCAGCTGGGCAATGGGACAACGAATCATGGTTTA
 GTGCCCTGCCATATCTCTACGAATTTGTCAAACAACAAGTCATTGAGGTCGCTGTGGGCTTACCCT
 CTTTGGTTCTAACATCTGATGGGAGGTGTTGCCTGGGTTATAATAACTCAGGGCAAGTAGGATCTGG
 ATCAACAGCTAACAGCCATTCCCGAAGAGTCACTGGATGCTTGCAGAATAAAGTAGTTATGAACATA
 GCATGTGGGCAGATGTGCTCCATGGCTGTTGTGGACACTGGAGAGGTCTACGTCTGGGGTTACAATGGCA
 ATGGGCAGCTGGGCTGGGCAGCAGTGGCAACCCAGCCACCCATGCAGAGTGGCCGCCCTGCAAGGCAT
 CCGTGTCCAGCGGTTGCCTGTGGCTACGCACACACATTAGTATTAACAGATGAAGGTCAAATATATGCT
 TGGGGTGCAAAATCTTATGGCCAGTTGGGCACTGGCAATAAAAGTAAACAGTCCATCCTACCCCTGTTG
 TTGTGGAAAAGGACAGAATCATAGAGATTGCAGCCTGTCACTCTGCCACACATCTGCTGCCAAGACACA
 AGGTGGCACGTGACATGTGGGGCCAGTGCAGGGCCAGTGGTGTATCCTTCCACACCACACTCACTTC
 TGCTGCACCGATGACGTGTTGCCTGCTCGCCACCCCGGCTGTACCTGGCGCCTTCTCTCCGTGGAAC
 CTGACACCACCTCACTGTGGCCGAGTCTCTGAAGAGGGAGTTTGACAACCCCTGACACTGCAGACTCAA
 GTTTCTGGTTGATGGAAAATACATTTATGCTCACAAAGTCTTCTCAAAATTAGGTGTGAACATTTTCGT
 TCTTCATTAGAAGACAGTGAAGACGATATTGTAGAAATGAGCGAGTTTTCGTATCCTGTGTTCCGAGCTT
 TCCTGGAGTATCTATACACAGATAACATCAGCCTATCTCCTGAGGAGGCAGTAGGGTTGCTAGATCTGGC
 TACATTTTACAGTGAAGTCTGCTGCTGTCAACAACTATCAAGCAAGGAATCTGTGAGGAG
 AATGCTATTGCTCTGCTCTGCTGTCAAGTATGATGCCAGGACTAGAAGAGTCTGCTTCAGGT
 TCTGCATCAACCATCTGACTGTAGTAACACAACGTCAGGCTTTCAGAAATGGACCACGATCTTCTAAA
 GAACCTTATCAGCAAAGCCAGCAGAGTTGGAGCCTTTAAGAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208751 representing NM_134083
 Red=Cloning site Green=Tags(s)

MEEEVPGFYGESGKSVQATLSSLKMLDVGKWIIFSLCSEEEQLIRQACVFGSAGNEVL YTTVND EIFVL
 GTNCSGCLGVGDIQSTIEPRRLDSLTKKIASLSYSGPHIVLATTDGEVFTWGHNAYSQLGNGTNNHGL
 VPCHISTNLSNKQVIEVACGSYHSLVLTSDGEVFAWGYNNSGQVGSSTANQPIPRRVTGCLQNKVVMNI
 ACGQMCSMAVVDTGEVYVWYNGNGQLGLGSSGNQPTPCRVAALQGIRVQRVACGYAHTLVLTDEGQIYA
 WGANSYQLGTGNKSNQSYPTPVVVEKDRIIEIAACHSAHTSAKTQGGHYVMWQCRGQSVILPHHTF
 CCTDDVFACFATPAVTWRLLSVEPDDHLTVAESLKREFDNPDTADLKFLVDGKYIYAHKVLLKIRCEHFR
 SSLEDDIVEMSEFSYPVFRFLEYL YTDNISLSPEEAVGLLDLATFYSETRLKCLKQTIKQICEE
 NAIALLSAAVKYDAQDLEEF CFRFCINHLTVVTQTSGFAEMDHLLKNFISKASRVGAFKN

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

ACCN:	NM_134083
ORF Size:	3403 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_134083.4 , NP_598844.3
RefSeq Size:	2994 bp
RefSeq ORF:	1656 bp
Locus ID:	105670
UniProt ID:	Q99LJ7
Cytogenetics:	14 D3