

Product datasheet for MC201611

Rtbdn (NM_144929) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rtbdn (NM_144929) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rtbdn
Synonyms: A330096I21Rik; BC022744; Rtbnd
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC022744 sequence for NM_144929
 GCGGGGTGCTGCAAAGAGAGAAAGGAAGTCTGGGTGGAAGAGGGTCTTGAAGAGCTGAGGTGGTTCGG
 TGACTCTGAAGGAAGTTGGTAGCAGAGGACAAAGAGCGTGAGAGTTGTTTGCATGGGATCGGTGTTTTA
 ATCCGTGGAATGAAAGAGATGAATCTGGTGGGAGGGGCTCTTGGAGAATCCCCGTAGGCTTTGAAGAGCC
 TTGGCCATTGCCTGGCCTCCTCATTATGGCCATCCTCTGTGCTGCCTGGCAACGATTGCTGTCCGGCA
 CCTACCAAGTGCCTAAATCTCCAGAAGGAAGGCATCCCTCGTCCCTTTTATCAGCTGGCTCTTGTC
 TCAGGTGGACATGGCCACGAAGGCCACTCTCAACACAGCGGCCTGGTCTGGGCCCTGCGACCGATCCTG
 GCTTGGATCTTCTGGTGGCCTGTGGATGGAGTCAACCACTGCAGACTAGGTCCTGGGGACACCCTGGAC
 TGGCAGCAAGGTGCGCACAGGCCAGCTGCAGCCGGCAGGGCACCCCTCAGTCTCGGTTCTACCATCATA
 CCCAAGGATCCAAGTTCCTGGCTCACAGACACCACAGTCCAGTGCCTTGTGTACTGCAGAGATAGAC
 AGACCAGAGAGCCTTCTAGAGAGCTGCGGGGCACCAAGCCAGAATGTGAATTCTTCTGGGACAACCTC
 AAGGAGCCCTTCGCGATCGCTTCCACCCACAGCTTTCGGGGCACGCCAGTGCAGCCTCTCTGCCAGA
 GCTCTGCCAGATTTGGTTCAACCACTGCCAAGCAGATTTATTTGTGGCCGACTTGGCTGCAGTCTCT
 GGAGAGAGAGGGTGTGAGCCAGCTGCCGACCTATGGGCAGACCTTCGCCAACGCCACAGATCTGTGTC
 ACTCTGTTTTGGGTATGTCTCGCGGTAGCAGCTCCAGGTTCCAGTCACTGCCTCAACGCTCCATCTC
 CTCTCCAGGAGCGCGCCGCCCTCGTGCCTGGATTTCAAATGTTGTAGGCAGTGGTAGTGGCAGCGGC
 AGCGGGCAGACCCCGAGCCAATGTTTGGCTTTCAATACGTGTCCCTTCCTAGGCCAGGAGCCACCCAG
 AGTCATCTCCCTCTTCTCTCTCCTTCTTCTTAAACCAGGCCCTCCACCTGTTTTCTAGAAATGA
 TCTAACCTCACTATTTTGGCTTCCCAAATAAAGTTGCCAGCCTAGACCATGCCATACGACATGGCTG
 CTGCTTGGGAAAACACCTGGGGAGAATTGGCAACAATGATAGTCTTAGGGAAGAATGGAGACTAGCAAC
 GCGGTACACAGGCCGACCTGATGATCTACATTCTATTCCAGAACTCACATGGTAGCAAAAAGAAACAAC
 TCCAACAAGATGGCCTCTGCTCCAGTGTGCTCCAGTGTGACACTTGTGCCCCACCCCAAAATAAATAAT
 AGATAACATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_144929



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Insert Size:	744 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>BC022744</u> , <u>AAH22744</u>
RefSeq Size:	1495 bp
RefSeq ORF:	744 bp
Locus ID:	234542
UniProt ID:	<u>Q8QZY4</u>
Cytogenetics:	8 C3
Gene Summary:	Riboflavin-binding protein which might have a role in retinal flavin transport. [UniProtKB/Swiss-Prot Function]