

Product datasheet for **MC205301**

Tnrc6b (NM_177124) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnrc6b (NM_177124) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tnrc6b
Synonyms: 2700090M07Rik; A730065C02Rik; AI848765; D230019K20Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC068158
AAAGAATTCATTTTTGGACCTTTTTTCATTTCCATTTCTACCTTGTATGCCTCAATTTGCTGGATTTAA
GCACTGCTGCACCTTTATGAGAGAGAAGGAGCAAGAAAGGGAAGAACAGTTAATGGAAGACAAGAAAAGGA
AGAAAGAGGATAAAAAGAAAAAAGAAGCCACCCAGAAGGTCACGGAACAAAAAACCAAGTGCCCGAAGT
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GGGAGGTGCCACCGGATTCCGTTGCCAGCAGGACCATAAAGTGTACTAAAACGTGGGCAGCCCCCTCC
ACCGTCTGCATGCTCCTCGGGGTGGGGCGGGCCTCCTCCCTGCACAGCACCTGGAGCAAACCCCAAC
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CAACCAATTCACATCTGGGACAAGGTATTGTAGACGGGTCTGACATGGAAGAGTGGCCTTGTATTGCC
AGCAAAGACACTGAATCTTCTCCGAAAACACCACCGATAACAACAGTGCCTCGAACCTGGCTCTGAGA
AGAGCAGTCTGCCAGGAAGCACCCTAGTAACAAGGCAAGGGAGCCAATGCCAGGCTGCAAGTCTGG
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TCAGATAGCAACAATGGACTAGGAACTGGAGGAGCAGAGTGGTCAGGATAGAATTGGACTGGCTCTG
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GCTCCCTGTTGGGAAGATCTTCCAGCTCCGAGGAAGTGAAGTTGGAGGTCAAAGCACTGGAAGCAACC



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ACAAAGCAGGAAGTAGTGACAGTCATAATTCTGGTCGTCGGTCATATAGGCCACGCATCCTGATTGCCA
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 CAAACTCAAATTAAGCAGGACACAGTGTGGGATATTGAAGAGGTGCCAAGGCCTGAGGGGAAATCTGACA
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 GGTTTCATGGGAGGCCACCCCGCCACCTCAAGGCAATGTTGACCTTCTAATTCACCTGGAGCAGTG
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 GCCAATGAAAGCAGTCTGGGTGGGTGAAATGGATGATGCAGGAGCATCAACCACAGGCTGGGGAAC
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 TGCTGAGTCAAAGTGAAGTAAACCAAGCAGCAAAATGGATTTGTCTGTAGATAAGAAATTTGATGGGA
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 AATTCCAAAGACTTGGGAACCACAGACAGTGGGCCTTATTTTGAAGGGCGGCAGTCATGGTTTGTGTTG
 GAAACAGCACAGCAAAATCGAGAGGCTGCACACTCCAGTGCAGCCACTAAGTTCTTCTCTGGTCTCCG
 GGCGCAAGTGCCTCCCCAGTTTATCTCCCCCAGGTTTCTGCCTCAATGCTCAAGCAGTTCCCCAACAGT
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 CTGTGGCCACACAAGAAGCCACCATGCACAAAAACGGCGCTATAGTGGCCCTGGTAAGACCCGAGGAGG
 TTCACCATACAACCAGTTTGATATAATCCAGGTGACACACTGGGTGGCCATACGGGTCCTGCTGGTGTGAT
 AGCTGGTTACCTGCCAAATCTCCACCGACTAATAAAATCGGAAGTAAATCCAGCAATGCCAGTTGGCCTC
 CAGAATCCAACCAGGAGTGCCATGGAAAGGTATCCAAATATTGACCCTGAATCTGACCCTATGTCAC
 CCCAGGAAGTGTCTAGGGGGTACAACCATCTCCATTGTAGATACTGACCACCAACTGCTGCGGGAT
 AACACCACAGGGTCTAATTCCTCCCTCAACACCTCGCTGCCTTACCTGGTGCCTGGCCCTACAGTGCCCT
 CTGACAACTCCTTTACCAACGTTTATAGCACTTCAAGTACTCGGTGGCGTTTCCCCTCTTGTAGCAGT
 TGAAGTGTGAGGCTCCTCTTTATTACCAGATTTACTTTCTAAGGGGCACCACTTAAGGATGGGAAACACC
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 GTTCTTACAGAGGAGCCAGTTCAACCCATATTAACATTGAGGCAGCCATGGGAACCTACGGACCTAAAT
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 CTGACCTAGAGACATAATGAAAGTAAATGGCAGAGTAAAAAGAGGACCTTGGTTAATTTGCCAATAGTA
 CTTGTTGAGTTCTATGGTTGGTTGGCTGGTTGGTTTTTGCATTTATTTGCTTATTGAGGCTTAAGAAAG
 AATAGAAAAGTTAATAGGAGCTAGAGGGATGGTTCAAGTGGGTAATGCTATGCAACATGGAGACTTGA
 GTTCAGTCCCCATGCCACATTAATAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Ascl-NotI

ACCN:

NM_177124

Insert Size:	3204 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:	BC068158
RefSeq Size:	5221 bp
RefSeq ORF:	3204 bp
Locus ID:	213988
Cytogenetics:	15 E1
Gene Summary:	<p>Plays a role in RNA-mediated gene silencing by both micro-RNAs (miRNAs) and short interfering RNAs (siRNAs). Required for miRNA-dependent translational repression and siRNA-dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins. As scaffolding protein associates with argonaute proteins bound to partially complementary mRNAs and simultaneously can recruit CCR4-NOT and PAN deadenylase complexes (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has multiple differences in the 5' UTR and 5' coding region but maintains the reading frame, compared to variant 1. This variant encodes isoform 2, which is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>