

Product datasheet for MC211291

Trub1 (NM_028115) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trub1 (NM_028115) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trub1
Synonyms: 2610009I02Rik; 9030425C13Rik; AI448235; BB118943; C76870
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211291 representing NM_028115
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGCTGCAGAGGCAGAGGTGGTTTCACCTCTGATTGTGGACACAGCTCCTGACACTTCAGGAACAG
CCGAGGCCTCTGTAGCAGCATCGGTGGCGAAGCGGCCAGGACTGAATCGCAAGCCCGGCCTCCAAGGC
CGCCCTGGCTGCTAAGCTCATGTGCTGAGCGGCGTGTTCGCCGTGCACAAGCCAAAGGGCCACTTCA
GCCGAGCTGCTGAACCGGCTGAAGGAGAAGCTGCTGGCAGAAGCTGGAATGCCTTCTCCAGAATGGAACA
AGAGGGCAAAGCAGACATTGAAAGTCGGACACGGAGGGACGCTGGACAGTGCAGCGCAAGGTGTTCTGGT
GGTTGGGATTGGAAGAGGAACAAAAATGTTGACCAGTATGTTGTGCGGGTCCAAGAGGTATATCACCATC
GGAGAAGTGGGAAAGCCACGGACACCCTGGATTCTACTGGGAAGGTAACGGAAGAGAAGCCGTATGATA
AAATAACACGAGAAGATATCGAAGGCATTCTGCAGAAGTTTACTGGGAATATAATGCAAGTACCCCGCT
CTATTCTGCGTGAAGAAGGATGGCAGAGACTCTCAACGCTAATGAAGAAAGGCAAGGTGGTGGAGGCC
AGACCGGCCCGCCCGTACTGTCCACAGTATCCCTCCTGAAGTTCAGCCTCCGTTCTTCCAGCTGG
ATGTTGAATGCGGAGGAGGCTTTACATCCGGAGCCTGGTCAGTGACATCGGCAAAGAGCTCTTCTCCTG
TGCCAGCGTGTGGAGCTGACCCGACCAACAGGGGCCCTTACACTTGACAGCAGCCCTCCCGAA
GACAGGTGGACATCGATGACATCGAACAGTCCCTCGAGCGCTGCACGTCTTCTGCGGAGGAGCTGA
CATTTAAAAAACTAAAATCTGACAACTCCAGTGACCAGGTTATAAGCTGTGGATATATAACTCTCAGGGA
CACAAAGAGAGAAGATGACGCAGTTAAGACACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028115



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Insert Size:	1017 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:	NM_028115.3 , NP_082391.1
RefSeq Size:	3795 bp
RefSeq ORF:	1017 bp
Locus ID:	72133
UniProt ID:	Q8C0D0
Cytogenetics:	19 D2
Gene Summary:	<p>Pseudouridine synthase that catalyzes pseudouridylation of mRNAs. Mediates pseudouridylation of mRNAs with the consensus sequence 5'-GUUCNANNC-3', harboring a stem-loop structure. Constitutes the major pseudouridine synthase acting on mRNAs. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer 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>