

Product datasheet for **MC211292**

Trub1 (NM_029839) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trub1 (NM_029839) 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:	>MC211292 representing NM_029839 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGCTGCAGAGGCAGAGGTGGTTTCACCTCTGATTGTGGACACAGCTCCTGACACTTCAGGAACAG
CCGAGGCCTCTGTAGCAGCATCGGTGGCGAAGCGCCAGGACTGAATCGCAAGCCCCGGCCTCCAAGGC
CGCCCTGGCTGCTAAGCTCATGTCGCTGAGCGGCGTGTTCGCCGTGCACAAGCCAAAGGGCCACTTCA
GCCGAGCTGCTGAACCGCTGAAGGAGAAGCTGCTGGCAGAAGCTGGAATGCCTTCTCCAGAATGGAACA
AGAGGCAAAGCAGACATTGAAAGTCGGACACGGAGGGACGCTGGACAGTGCAGCGCAAGGTGTTCTGGT
GGTTGGGATTGGAAGAGGAACAAAAATGTTGACCAGTATGTTGTGCGGGTCCAAGAGGTATATCACCATC
GGAGAACTGGGAAAGCCACGGACACCCTGGATTCTACTGGGAAGGTAACGGAAGAGAAGCCGTATGATA
AAATAACACGAGAAGATATCGAAGGCATTCTGCAGAAGTTTACTGGGAATATAATGCAAGTACCCCCGCT
CTATTCTGCGCTGAAGAAGGATGGGCAGAGACTCTCAACGCTAATGAAGAAAGGCAAGGTGGTGGAGGCC
AGACCGGCCCGCCCGTACTGTCCACAGTATCTCCCTCCTGAAGTTCAGCCTCCGTTCTCACGCTGG
GGTTTCTGTATAGCCCTGGCTGCTGGAACCACTTT**G**TA**G**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_029839
Insert Size:	744 bp



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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_029839.3 , NP_084115.2
RefSeq Size:	4300 bp
RefSeq ORF:	744 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 (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to 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>