

Product datasheet for **MC221586**

Utp14b (NM_001136226) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Utp14b (NM_001136226) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Utp14b
Synonyms:	4932411L21Rik; jsd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221586 representing NM_001136226
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCCAAAGATGAGACCAGATCCTTCTTCAAGAGCTAACAGGCCCTGTGAGAAGAAGGAGGCTGCTA
 CCATGAACATGGCCAGGAATGTGACAGACCTTCTGGCTTTGAGCCAGCAGGAAGAACTAGTGGATTTGCC
 AGAAAACTATCCACTGAGTACGAGTGAAGATGAGGGGACAGTGTGAGAAGGAAAACTCAAAAACTT
 CTGGAAGCAGTCAGTTCCCTTGGTAGAAAATAAATGGAAGTTGGCAGAGAGATCTGAGGCTAGTCGGA
 TGGTTTCAGAGTTCAATGTCACCTTCTGAAGGATCAGGTGAAAAGCTGGTCTTTCCGATTTGCTTGGGTC
 TGCTACAGCATTATCTTCGGTGGCTGCTGTGAAAAACAGCTGCATAGAGTCAAGTCAAAGACGCTCACC
 CCACCCCTTAACAAAGAAGAGGCTGACCGAGCCCTCAGGAAGCAGCATTAGCAAAACCTCACAAATGC
 TCTCCAGGTGGGATCCGGTGGTTCTGAAGAACCGGCAGGCAGAGCAGTTGATTTTTCCCATGGAGAAGGA
 GCCGCCAGCGGTTGCACCCATTGAACATGTTTTACTGACTGGAAGTAAGAACCCTCTGGAACGAGAA
 GTTTTTAACCTTCTTCATAAGAACAAGCAGCCAGTAACAGACCCTTTATTGACTCCCGTGGAAACAGCCT
 CCATCAGAGCCATGAGCCTGGAAGAAGCCAAGATACGCCGAGCAGAGCTTCAAGAGACGCGAGCTTACA
 GTCCTATTATGAGGCTAGAGCTCGAAGAGAGAAGAAATCAAGAGTAAGAAGTATCACAGAGCTCTAAAG
 AAAGGAAAGGCCAAGAAAGCCTTAAAAGAGTTTGAAGAGCTGTGGAAAGACTGCCAAATGTCTGCATTGC
 AAGAACTGGAGAAAAATGGAAAAGGCCAGAAATGACAGAACGGATGAGCCTTAAGCACCAGGGCAGTGGGAA
 ATGGGCAAAGTCAAAGGCAATATGGCCAAATATGACCCTGAGGCTCGAAAAGCTATGCAAGAACAATG
 GCTAAGAACAGAGAAGTACACAGAAAACCCAGGTAGTTTCAGAGAGTGAAGGAGGACGGATGCACAG
 AAGAGGGAAATGTCTCTGTCTCCATGGAATGGATGACCTACAGATGAATGCAGATGGTGTAAATCCCTG
 GATGCTTAGCAGTTGCAACAGCAATGCAAGCGGGTGAGATCAAGACCGATCCTGAACAGATGCCTGAG
 TTTGTGGCCCATGTCTCTGAGAGTGAAGGAGATGAAAGACCAGTGGCAGAAGAACTGTGTTAAAAAG
 AAAGATCCTTTCAAGAAAGAGTTGATCCCAACAATGCTAAGCTAATGGATGGCCAAGAAACAGAAGACTC
 TGATAGCCAGGAGGTATTACAGAAACTCAACAAGGAAAGTCAATCTGACAATCAAAAAGTGAGTTCA
 GAGGAAAAATGTTCTCCATATCCAGAGAGAGGACCTTGCCCTCAGAGAAGTTGTTGGTGCTCAAAGGCTAG
 AGAGAGCACATGTTCTGGAACAACAAGGAGAGTTGAGCAAAGAAGAACATTATCCAAAAAAGGGCTTTC
 CAGACCTTTGTTGAAAGGGGATTGGAAGGAGATGAAGCCACTCACCAACCCTGATGCCTCTGGAGGGAAG
 AAAAAGAAGGAACAAATGATTGATCTACGGAACCTCCTAACTGCTAACTCATCTCTGTGAGGTCTTTGG
 CTGTGCCCAATACAGCAGTTAGAAGATGAAGTGGAGACCGATCACAAGCAGCTAATAAGGGAAGCTTT
 TGCTGGGGATGATGTCATAAGAGAGTTCTTAAAAGAGAAGAGGGAAGCTATAGAGACAAATAAACCAAAG
 GACTTGGACCTGTATTGCCTGGATGGGGTGAGTGGGTTGGTATGGGCCTGAAGCCAGCGCCAAGAAAA
 GACGCCGTTTTCTTATAAAGCTCCTGAGAGTTCTCCAAGAAAAGACAAGAAATTTGCCGAATGTGATTAT
 CAGTGAGAAGCGCAACATCCATGCAGCTGCTCATCAGGTGCGGGCGCTTCCACACCCATTACCCACCAG
 CAGCAGTTTCAAAGGACTATCCAAAACCTATTGGGTACATGTGGAACACCCAGAGGACCTTCCAAAAGC
 TGACAGTTCCCAAGGTTGGCACAAGCTAGGCCATATCATTAAAGCCATAAAAAGCAGAAAATGTAGGTA
 CTGCTCTTCCACAAGGCTGACCTCTATCCTACAGAGCAGTCAGAAGTGCCTTCCAGAAAACAGCAA
 AAACAACGAAGAAGTTGAGCTCTGCAGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001136226
Insert Size: 2343 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>NM_001136226.1</u> , <u>NP_001129698.1</u>
RefSeq Size:	3702 bp
RefSeq ORF:	2343 bp
Locus ID:	195434
Cytogenetics:	1 40.84 cM
Gene Summary:	Essential for spermatogenesis. May be required specifically for ribosome biogenesis and hence protein synthesis during male meiosis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.