

Product datasheet for **MC204218**

Utp4 (NM_011574) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Utp4 (NM_011574) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Utp4
Synonyms:	Cirh1a; Cirhin; Naic; Teg-292; Tex292
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC027399

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CGGCAAAAAAGTCGGATTCTCAGTCTCTGCTGGCACCCCTGCGGGTACCCACGTCGCAGCTGGTTCCTTAG
ACTACATTAGCGTGTGGATGTCAAATCAGGGAGCATAATTCGTAAGATGGTTTTAGATAGGCAACACCT
GGGAGTACTAAGTCCAGGTGCATAGTGTGGGGTGTTCCTTCTGTCCGACGGCACTGTATAAGTGTG
GACTCTGTTGAAAGGTGCAGTGTGGGACTCTGCTACTGGGACACTCGTTAAGAGTCATCTCGTCGCAA
ATGCTGATGTGCAGTCTATTGCTGTTGCTGATCAAGAAGACAGTTTTGTGGTGGGACCCGCGAGGGCAC
GGTATTCCATTTCCAGCTGGTGTCCATGACTTCCAACAGCAGTGAGAAGCAGTGGGTGCGGACGAAACCG
TTCCAGCATCACACTCATGACGTGCGTGTGGCCACAGCCCAACAGCCCTGATCTCAGGAGGCCCG
ACACCCACCTGGTTATTCGGCCTCTCATGGAGAGAGTGGAGGTAAGAATTACGATGCTGCTCTCCGAAA
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CTGAAGATTCAACAAAGCTCCTTGTGGCATCCAATCAAGGGTCTCTGCATATTGTTTCATCTGCGGAAGG
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TTTTGTTGTTGTTGTTGTTTTTCCCAAATCATGATAATAAAAACAAAGTTATCTTTAGGACTAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_011574
Insert Size:	1518 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>BC027399</u> , <u>AAH27399</u>
RefSeq Size:	1797 bp
RefSeq ORF:	1518 bp
Locus ID:	21771
UniProt ID:	<u>Q8R2N2</u>
Cytogenetics:	8 D3
Gene Summary:	Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Involved in small subunit (SSU) pre-rRNA processing at sites A', A0, 1 and 2b. Required for optimal pre-ribosomal RNA transcription by RNA polymerase. May be a transcriptional regulator. Acts as a positive regulator of HIVEP1.[UniProtKB/Swiss-Prot Function]