

Product datasheet for **SC319275**

Cirhin (UTP4) (NM_032830) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cirhin (UTP4) (NM_032830) Human Untagged Clone
Tag:	Tag Free
Symbol:	Cirhin
Synonyms:	CIRH1A; CIRHIN; NAIC; TEX292
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032830.1
 CCGGGAAGGGGAGCGTGGGGCCGCTGGAATGGGTGAATTTAAGGTCCATCGAGTACGTTT
 CTTTAATTATGTTCCATCAGGAATCCGCTGTGTGGCTTACAATAACCAAGTCAAACAGATT
 GGCTGTTTCACGAACAGATGGCACTGTGGAAATTTATAACTTGTGAGCAAACTACTTTCA
 GGAGAAATTTTCCCAGGTCATGAGTCTCGGGCTACAGAAGCTTTGTGCTGGGCAGAAGG
 ACAGCGACTCTTAGTGCTGGGCTCAATGGCGAGATTATGGAGTATGATTTACAGGCGTT
 AAACATCAAGTATGCTATGGATGCCTTTGGAGGACCTATTTGGAGCATGGCTGCCAGCCC
 CAGTGGCTCTCAACTTTTGGTTGGTTGTGAAGATGGATCTGTGAAACTATTTCAAATTAC
 CCCAGACAAAATCCAGTTTGAAAGAAAATTTGATCGGCAGAAAAGTCGCATCCTGAGTCT
 CAGCTGGCATCCCTCTGGTACCCACATTGCAGCTGGTTCCATAGACTACATTAGTGTGTT
 TGATGTCAAATCAGGCAGCGCTGTTTATAAGATGATTGTGGACAGGCAGTATATGGGCGT
 GTCTAAGCGGAAGTGCATCGTGTGGGTGTGCGCTTCTTGTCCGATGGCACTATCATAAG
 TGTGGACTCTGTGGGAAGTGCAGTTCTGGGACTCAGCCACTGGGACGCTTGTGAAGAG
 CCATCTCATCGCTAATGCTGACGTGCAGTCCATTGCTGTAGCTGACCAAGAAGACAGTTT
 CGTGGTGGGCACAGCCGAGGGAACAGTCTTCCATTTTCAGCTGGTCCCTGTGACATCTAA
 CAGCAGTGAGAAGCAGTGGGTGCGGACAAAACCGTTCCAGCATCACACTCATGACGTGCG
 CACTGTGGCCACAGCCCAACAGCGCTGATATCTGGAGGCACTGACACCCACTTAGTCTT
 TCGTCCTCTCATGGAGAAGTGGAAAGTAAAGAATTACGATGCCGCTCTCCGAAAAATCAC
 CTTTCCCACCGATGTCTCATCTCCTGTTCTAAAAAGAGGCAGCTTCTCCTCTTCCAGTT
 TGCTCATCACTTAGAACTTTGGCGACTGGGATCCACAGTTGCAACAGGCAAGAATGGGGA
 TACTCTTCCACTCTTAAAAATGCAGATCATTTACTGCACCTAAAGACAAAGGTCCTGA
 GAACATTATCTGTAGCTGTATCTCCCCATGTGGAAGTTGGATAGCCTATTCTACAGTTTC
 TCGGTTTTTTCTCTATCGGCTGAATTATGAACATGACAACATAAGCCTCAAAGGGTTTC
 CAAAATGCCAGCATTCTTCGCTCTGCCCTTCCAGATTTTGTCTGAAGATTCAACAAA
 GCTCTTTGTAGCATCAAATCAAGGAGCTCTGCATATTGTTGAGCTGTGAGGGAAGCTT
 CAAGCACCTGCATGCTTTCCAGCCTCAGTCAGGAACAGTGGAGGCCATGTGTCTTTTGGC
 AGTCAGTCCAGATGGGAATTGGCTAGCTGCATCAGGTACCAGTGTGGAGTCCATGTCTA
 CAACGTAACAGCTAAAGCTTCACTGCACGGTGCCTGCTTACAATTTCCAGTGACTGC
 TATGGCTATTGCCCCAATACCAACAACCTTGTGATCGCTCATTCCGACCAGCAGGTATT
 TGAGTACAGCATCCAGACAAACAGTATACAGATTGGAGCCGACTGTCCAGAAGCAGGG
 CTTTACCACCTTTGGCTCCAAAGGGATACTCCTATCACACACATCAGTTTTTCATCCAA
 GAGACCGATGCACATCCTTCTCCATGATGCCTACATGTTCTGCATCATTGACAAGTCATT
 GCCCTTCCAAATGACAAAACCTTACTCTACAATCCATTTCTCCACGAATGAATCAGA
 TGTGATCCGGAGGCGCACAGCTCATGCTTTTAAAATTTCTAAGATATATAAGCCTCTACT
 CTTGATGGATCTTTTGGATGAAAGAACACTCGTGGCAGTAGAACGGCCTCTGGATGACAT
 CATTGCTCAGCTCCACCAACCCATTAAGAAAGAAATTTGGAACCTAAAACAGGGCACT
 GTCTGTGCTCCTTGAAGTGTCTACCCTGTTGCTTTTCAAAATCATGGTAATAAAAC
 AAGTTATTCTTGAAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_032830

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_032830.1</u> , <u>NP_116219.1</u>
RefSeq Size:	2192 bp
RefSeq ORF:	2061 bp
Locus ID:	84916
UniProt ID:	<u>Q969X6</u>
Cytogenetics:	16q22.1
Domains:	WD40
Gene Summary:	<p>This gene encodes a WD40-repeat-containing protein that is localized to the nucleolus. Mutation of this gene causes North American Indian childhood cirrhosis, a severe intrahepatic cholestasis that results in transient neonatal jaundice, and progresses to periportal fibrosis and cirrhosis in childhood and adolescence. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>