

Product datasheet for **SC323948**

CIAO3 (NM_022493) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CIAO3 (NM_022493) Human Untagged Clone
Tag:	Tag Free
Symbol:	CIAO3
Synonyms:	HPRN; IOP1; LET1L; NAR1; NARFL; PRN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_022493.1
 CCGTCATGGCGTCGCCCTTCAGCGGGGCGCTGCAGCTGACGGACCTGGATGACTTCATCG
 GGCCGTCTCAGGAGTGCATCAAGCCTGTCAAAGTGGAAAAAGGGCGGGAAGTGGCGTGG
 CCAAGATTCGCATTGAAGATGACGGGAGCTACTCCAAATTAACCAAGACGGCGGGACCC
 GGAGGCTGGAGAAGGCCAAGGTCTCGCTAAACGACTGCCTGGCGTGCAGCGGCTGCATCA
 CCTCCGCAGAGACCGTGTATACCCAGCAGACCCAGGAGCTGAAGAAGGTTCTAG
 ATGCTAACAAAGATGGCGGCACCCAGTCAGCAGAGGCTGGTTGTAGTTTCGGTCTCACCC
 AGTCTAGAGCATCGCTGGCTGCACGGTTTCAGCTGAATCCTACAGATACTGCCAGGAAAT
 TAACCTCATTCTTTAAAAAATAGGGGTGCACTTCGTCTTCGACACCGCCTTCTCAAAGG
 ACTTCAGCCTCCTGGAGAGCCAGCGAGAGTTTGTGCGGCGATTCCGAGGACAGGCCGACT
 GCAGACAGGCGCTGCCCTGCTGGCCTCTGCCTGCCAGGCTGGATCTGCTATGCCGAGA
 AGACTCACGGCAGCTTCACTCCCCACATCAGCACCGCCCGTCCCGCAGCAGGTCA
 TGGGCTCCCTGGTCAAGGACTTCTCGCCAGCAGCAGCACTTGACCCCTGACAAGATCT
 ACCACGTACAGTGATGCCCTGCTATGACAAAAAGCTGGAAGCCTCCAGACCCGACTTTT
 TCAACCAGGAGCACCAGACCGGATGTGGACTGTGCCTCACAACAGGAGAAGTTTTCA
 GGTGCTGGAGGAAGAGGCGTCTCCCTCCCGACCTGGAACAGCCCTCTGGACAGCC
 TGTGCAGCGGTGCCTCTGCAGAGGAGCCACCAGCCATCGGGGAGGGGGCTCGGGGGGCT
 ACCTGGAGCACGTGTTCCGGCACGCGGCCGAGAGCTCTTTGGAATCCATGTGGCTGAGG
 TTACCTACAAACCCTGAGGAACAAAGACTTCCAGGAGGTGACACTGGAGAAGGAGGGCC
 AGGTGCTGCTGCACTTCGCAATGGCGTACGGCTTCGCAACATCCAGAACCTGGTGCAGA
 GGCTCAAACGAGGGCGCTGCCCTACACTACGTGGAGGTGATGGCTGCCCTCAGGCT
 GCCTGAACGGCGGGGCCAGTCCAGGCCCCAGACAGGCCCAGCAGAGAGCTCCTCCAGC
 ACGTGGAGAGACTGTACGGCATGGTCCGGGCTGAGGCGCCGAGGACGCGCTGGGGTTC
 AGGAGCTGTACACACACTGGCTGCAGGGCACGGACTCGGAGTGTGCAGGTCGCTTGTGC
 ATACGCAGTACCACGCCGTGGAGAAGGCCAGCACTGGCCTGGGCATCCGGTGGTAGGGGC
 TGCAGGACCAGGACTCCCAGGAGCCGTGTCATGTGTGACAGCAGAACCACATGCCCCA
 AGACCCAGGGCTTCCCCAAAATTCTGAGTGAGCTGCAGGGTGTGCTGGGACCCGAGTA
 GGAGCTAGGACTAGCCAGGACCCGAGCCGCTCGTCACCTCCAGTTGGGTGCCTCTGGG
 TTCCCACTGGCTCTGCCAGGTGGGGTGGGGTGGCCAGGCAGCAGAAGGTTCCCTGAGG
 TCCAGAGCCTGTTCCGTTGGCCCTGGGCCGAGGCCACAGGTGCTGCCCTTGTCTGTGC
 TGGTGGGCACCCAAGTGCCTGAGGGGCTCAGCCTGTCCGGGGTTGCCTGAGGCAGAG
 CAAGACGGGTTCTCACCCCTGACTTCTGGAGGCTTCCCTTGAAGCTCTGTGCAAAAGGTG
 GGAGACAGAGCTGGACCTGCAGGGGTGGTCCCGCCACAACCTCGTGTGGACCTGGCA
 GGGGGGGGTGCCAGGCCCTGGAAAGCAGGGGTTACCGTTACGAGGCTGTGGTCCGGGGC
 AAGCCAAGTACGAAGCAGCAGCCATCGCGGGCTGCATCATCCCCAGCCAGGTCCCACC
 AGGCTGTCTCCAGCGTTTGTCTAATAAACGCACCCCTCTAAAAACAAAAAAAAAAAAA
 AAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_022493

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_022493.1</u> , <u>NP_071938.1</u>
RefSeq Size:	2109 bp
RefSeq ORF:	1431 bp
Locus ID:	64428
UniProt ID:	<u>Q9H6Q4</u>
Cytogenetics:	16p13.3
Gene Summary:	<p>Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins. Seems to negatively regulate the level of HIF1A expression, although this effect could be indirect.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>