

Product datasheet for **SC125713**

CATIP (NM_198559) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CATIP (NM_198559) Human Untagged Clone
Tag: Tag Free
Symbol: CATIP
Synonyms: C2orf62
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_198559 edited

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CACAGACCGGGTAGAGGCAGGCCACAGCATGTCTCCAAGTTTACTCCACAGGCTCCA
GAGCTAAGGACCACCAGCCCTCGGGTCCGGAGTGTCTGCCACTCCAGAGGCAATGCTG
AAGCCATCGACTTCTCAGCTCCCTCCACAAGGAGGAGCTACAGATGCTGTTCTTCTCTG
AGACGCTGGCCATGGTCTCAGACACCGGGGAGCCTCAGGGAGAGCTGACCATTGAGGTGC
AGAGAGGGAAATACCAGGAAAACTCGGCATGCTGACATACTGCCTTTCGTGCATGCCT
CTAGCCGAGGCTTCTTGGACAAAATGCTCTGCGGAAATCCCTCTGGGCTATCTCTCAG
AGAAGCTGGAGCTCATGGAACAGCACAGCCAAGACTTCATCAAGTTCCTCATCTCCCA
TGGAACGGAAGATGAGTTTGTGAAGCAGGATGATCAGCTGGCTGTGACCAGAAGTATCA
AGGAGGGTGAGGAAGTGAAGACTGGAGTGACTTCTTCCCTGGAGCTCAATCAAGGGCT
TCATCTCAGAGGCTGCCAACCTGGTGTCTCAGGGTGATGGCCTGGCGGCGGATGGTGC
CCAGCAATGCCCGCTTCTGACCTTGGACACCGAGGGCAAACCTCTGCTATTTGACCTATC
AAAACCTGGGCTTCCAGACCATCCAGGTAGACCATCAGCAGGCTGAAGTCTTCATCGTGG
AGCAGACTGTCCACGCGGAGGAGGGCATCCCCATGTCTGCCAGTACTACCTGCTCTCCG
ATGGGCACCTGGCCAAGAGAATACAGGTGGGCTCCCCAGGGTGTGCATCATACCAAGA
TGCCTATCTTGAGGGAAGAGGATGAGATTGAGCCACGCCAGTGTGAGAAGAAGCCCC
TGGTATGGGAGGAGGATATGGAGCTCTATTGAAAGTTCCTGGACCGGAAGGAGGAGCTCC
GGCTCGGCCACGCCAGCTATCTGCGGCAGCACCCGAAGCCACGCGCTCATCTCCGACT
TCTGCTTCTCTGCTGTGCGCCAGCCGAGGACGTGGTACCTTCGCCGCGGAGTTCT
TCGGCCCCCTCGACCCGTGGCGTCCGTGTCACCGGCCTTGGGCTCCTCCACCGGCCCA
ACCCTTTCGCTCCCTGGAGCCGGAGGGAGACGCCGCTCGGGGGCGGCCTAAGCGGGGC
CCAGGCCCGGACAGGGCAGGAAACCAGGGGTGGGCTGGGACGCGGGCGGGACGCGCCGG
GGCGGGTGCCTTTCGGGCTGCGGTTTTGGGGGAATAAATGGGGCCCTCCCGCTTCTCT
GCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198559 unedited GGATTTTGTAAATACGACTTACTATAGGGCGGCCGGAATTCANATCTGGTACCGGTCCGG AATTCCCAGGATCACAGACCGGGTAGAGGCAGGCCACAGCATGTCTCCAAGGTTTACT CCACAGGCTCCAGAGCTAAGGACCACCAGCCCTCGGGTCCGGAGTGTCTGCCACTCCCAG AGGCCAATGCTGAAGCCATCGACTTCTCAGCTCCCTCCACAAGGAGGAGCTACAGATGC TGTTCTTCTCTGAGACGCTGGCCATGGTCTCAGACACCGGGGAGCCTCAGGGAGAGCTGA CCATTGAGGTGCAGAGAGGGAAATACCAGGAAAACTCGGCATGCTGACATACTGCCTCT TCGTGCATGCCTTAGCCGAGGCTTCTTGACAAAATGCTCTGCGGAAATTCCTCCTGG GCTATCTCTCAGAGAAGCTGGAGCTCATGGAACAGCACAGCCAAGACTTCATCAAGTTCC TCATCCTCCCATGGAACGGAAGATGAGTTTGCTGAAGCAGGATGATCAGCTGGCTGTGA CCAGAAGTATCAAGGAGGGTGAAGTGAAGACTGGAGTGACTTCTTCCCTGGAGCT CAATCAAGGGCTTCATCTCAGAGGCTGCCAACCTGGTGTCTCAGGNTGATGGCCTGNC GGCGGATGGTCCCCAGCATGCCGCTTCTGACCTTGGACACCGAGGGCAACTTGCTA TTTGACCTATCAAACCTGGGCTTCCAGACCATCCAGGTAGACCATCAGCAGGCTGAAGT CTTCATCGTGGAGCAGACTGTCCACCGGAGGAGGCATCCCCATGTCCTGNCAGTACTAC CTGCTCTNCGATGGGCACCTGGCCAGAGATACAGGTGGGCTCCCCAGGGTCTGCATCAT CACCAGATGCTATCTTGAGGAAGAGATGAGATGAGCACGCCAGTGTGAGAGAAGCCCT GTT
Restriction Sites:	NotI-NotI
ACCN:	NM_198559
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_198559.1</u> , <u>NP_940961.1</u>
RefSeq Size:	1414 bp
RefSeq ORF:	1164 bp
Locus ID:	375307
UniProt ID:	<u>Q7Z7H3</u>
Cytogenetics:	2q35

Gene Summary:

Plays a role in primary ciliogenesis by modulating actin polymerization.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses an alternate in-frame splice junction in the 5' end compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.