

Product datasheet for SC120127

FCP1 (CTDP1) (NM_004715) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCP1 (CTDP1) (NM_004715) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTDP1
Synonyms:	CCFDN; FCP1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF sequence for NM_004715 edited

```

ACTACAGCGTCGCCGCTGGGTTGTGTCGCCGCGGTAGGCGCTGCGCTCTGAGCGCAGCG
CAGGCCCGTACCGACCGCCCGCCCTCTGTCCGCGATGGAGGTGCCGGCCGCGGGT
CGCGTTCTGCCGAGGGCGCCCGACGCGCGCTGTGGCCGAGGTGCGCTGCCGGGGCC
GCGCCGCTGCGCCTGCTGGAGTGGAGGGTGGCGCGGGCGCGCCGTGCGCATCGGCTCG
GTGCTGGCCGTGTTGAGGCCGCCCTCCGCGCAGTCTCCGGGGCTCTCAGTCCCGT
GTAGCCTCCGGGGCTGCGTGCSCCCGCGCGGCCGAACGCAGGCTGAGGTCGGAGCGC
GCGGGCGTGGTGGGAGCTGTGCGCGCAGCCGGGCCAGGTGGTGCSCCAGGAGCGGTT
CTGGTGAAGTTGAAGGATGCAGCCACCCGTTGTCATGAAAGGCCTGTGTGCTGAATGT
GGCAAGACCTCACCCAGTTGCAGAGTAAGAACGGGAAGCAGCAGGTGCCGCTGTCCACG
GCGACCGTGTCCATGGTGACAGCGTGCCGGAGTTGATGGTGAGCTCCGAGCAAGCTGAA
CAGCTGGGAAGAGAAGACCAGCAGCGACTGCACCGAAACCGGAAGCTGGTGTCTATGGT
GACTTGGACCAGACGTTGATTCACACAACCGAGCAGCACTGTCAGCAGATGTCGAATAAA
GGCATCTTTCACCTCCAGCTGGGCCGGGGTGGCCCATGCTGCACACGCGCTGCGTCCA
CACTGCAAGGACTTCTGGAGAAGATCGCAAGCTGTACGAGCTGCACGCTTTCACCTTC
GGCAGCCGGCTGTACGCACACACCATCGCAGGCTTTTTAGACCCCGAGAAGAAGCTTTTT
TCTCACCGAATATTATCAAGGGATGAATGTATTGACCCATTTTCTAAAACGGGAAACCTT
AGAAATCTCTTCTTGTGGAGACTCAATGGTTTGCATTATTGATGATCGAGAAGATGTC
TGGAAGTTTGCCCAATCTGATAACTGTGAAGAAATATGTATACTTCCAGGGCACGGGT
GATATGAATGCGCCCTGGTCCCAGAAATCTCAGACGAGAAAGAAAGTAAATCATTCT
CGAGGCACTGAGGTCTCAGAGCCATCTCCGCCGTGAGAGACCCTGAGGGGTAACGCAG
GCCCTGGAGTGGAGCCAGCAATGGCCTGGAGAAGCCTGCACGGGAGCTGAACGGCAGC
GAGGCCGCCACCCCGGGACTCACCCGCCCGGAAGCCAGACGAGAGGGACATCTGG
CCCCCTGCCAGGCCCCACCAGCAGCAAGAGCTGGCAGGCGCTCCTGAGCCCCAGGGA
TCCTGTGCGCAGGTTGGCCGGTGGCACCGGGACAGCGGCTGCCAGGGTGCCACGGGC
ACTGACCTGGACTTTGACTTATCCAGCGACAGCGAGAGCAGCAGTGAAGTCCGAGGGCACG
AAGTCTCTCTCCGCTCTGATGGCGAAAGCGAGGGGAAAAGAGGCCCGCAGAAGCCG
AAGGCTGCCCCAGAGGGAGCCGGGGCGCTGGCACAGGGCAGTTCCCTGGAGCCGGGGCGG

```



View online »

CCTGCAGCACCGAGTCTCCCCGGAGAGGCCGAGCCTGGCGGCATGCCCCGGACAAGGAG
 CCTGAGCTGGGTGGGAGGAGGAGGGCGAGCGGGATGGCCTCTGCGGCCTGGGCAACGGC
 TGTGCCGACAGGAAGGAGGCGGAGACCGAGTACACAGAACAGCGAGCTGTGCGGGGTCACT
 GCGGGTGTAGTCCCTGGACCAGAGCATGGAGGAGGAGGAGGAGGACACGGATGAGGAT
 GACCACCTCATCTACCTGGAGGAGATCCTGGTCCGTGTACACACTGACTACTATGCCAAG
 TATGACCGCTACCTCAACAAGGAGATCGAGGAGGCGCCGGACATCCGCAAGATCGTGCCG
 GAGCTCAAGAGCAAGGTGCTGGCAGAGCTGGCCATAATTTTCAGTGGGCTACACCCGACA
 AACTTCCCGATAGAGAAGACGCGGGAGCATTACCACGCCACGGCGCTGGGAGCGAAGATC
 CTACTIONGCTGGTGTGAGCCCCGACGCCCTGACAGGGCCACGCACCTGATCGCCGCG
 CGAGCTGGCACAGAGAAGGTGCTGCAGGCACAGGAGTGGGACACCTGCACGTGGTCAAC
 CCTGACTGGTGTGGAGCTGCCTGGAGCGCTGGGACAAGGTGGAGGAGCAGCTTCCCCG
 CTCAGGGACGATCACACCAAGGCACAGAGGAGAACAGCCCTGCGGCCTTTCCCGACCGG
 GAGGGTGTGCCCCCACCCTTGTTCACCCGATGCCGGTTCTTCCAAGGCCAGCCT
 GGCCCCGAGGTTCCGATCTACGACTCCAACACGGGGAAGCTCATCAGGACGGGCGCCCGG
 GGGCCCCAGCACCTCCAGCTCCCTACCCATCCGCCAGGAGCCCTTCTCCTTCAGAGCG
 GTTCCGCCACCCAGCCGAGATGTTTGGTGAAGAGCTGCCTGACGCTCAGGACGGAGAG
 CAGCCTGGCCCTTAGAAGAAAGCGACAGCCAGTATGTCTGAGACAATGCCGCTGTAC
 ACTCTTTGTAAGGAGGATTTAGAGAGTATGGACAAAGAGGTGGACGACATCCTTGGAGAA
 GGCAGCGACGACAGCGACAGCGAGAAGAGGAGGCTGAGGAGCAGGAGGAGGAGCCAG
 CCCCAGAACCCAGGACCCGAGGGAGCGGACGCTCGGGGACCTGCGTCCAGCGAGAGG
 AGCGCGGACAGGGGCGGGGGCCAGAGGCCACAAGAGGAAGTGAATGAAGAGGACGCC
 GCCAGCGAGTCCAGCAGGAGTCCAGCAACGAGGACGAGGGCAGCAGCTCCGAGGCCGAC
 GAGATGGCCAAGCGCTGGAGGCGGAGCTCAACGACCTCATGTGAGCGCGGCGAGCGGGC
 AGGGACTGAAGCCTGACCGACTCCAGCAGCACTCGGACGTCGCCGACCCAGCCCTCAGT
 CTCGGTCCACGCTGCTTTCTTCCAAAGGACATGTATATTTGCAGAGCTCCACATACAGA
 AACACATTATTTGCAGAAATAGGTGTTTTTAAGAAGTTTACTACAGGAATGTCTACTT
 TTGTAAGTGACAGGTGTTAAAGGCC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004715 unedited
 GGTCAANAATTGTATACGACTCACTATAGCGGGCCGCAATTCGCACGAGGCGACGGTGG
 AAGCCCGTACCGAGAAGAACTACAGCGTCGCCGCTGGGTTGTGTGCGCCGCGTAGGCGC
 TGCCTCTGAGCGCAGCGCAGGCCCGTACCGACCGCCCGCCGCTCTGTCCGCGATG
 GAGGTGCCGCGCCGCGGTGCGTTCCTGCCGAGGGCGCCCGACGGCGGCTGTGGCCGAG
 GTGCGCTGCCCGGGCCCGCGCCGCTGCGCCTGCTGGAGTGGAGGGTGGCGGGGGCGCG
 GCCGTGCGCATCGGCTCGGTGCTGGCCGTGTTGAGGCCCGCCCTCCGCGCAGTCTAC
 GGGGCTCTCAGTCCCGTGTAGCCTCCGGGGGCTGCGTGCGCCCGCGCGCCGGAACGC
 AGGCTGAGGTCCGAGCGCGCGGGCTGGTGCGGGAGCTGTGCGCGCAGCCGGGCCAGGTG
 GTCGCCCCAGGAGCGGTTCTGGTGGGTTGGAAGGATGCAGCCACCCGGTTGTCATGAAA
 GGCTGTGTGCTGAATGTGGCCAAGACCTCACCCAGTTGCAGAGTAAGAACGGGAAGCAG
 CAGGTGCCGCTGTCCACGGCGACCGTGTACATGGTGCACAGCGTGCCGGAGTTGATGGTG
 AGTCTCCAACAAGCGGAACAGCTGGGAAGAGAAGACCAGCAGCGACTGCACCGAAACCGG
 AAGCTGGTGTCTATGGTGGACTTGGGCCANACGTTGATACACACAACCGAGCAGCTCTG
 TCAGAAGATGTCGAATAAAAGCATCTTTCACTTCCAACCTGGGCCGGGTGAGACCATGCT
 GAAAACCGCCTGAGAACAACACTGCAGGGACTTCTGGAGTAGATCGTCAAGCTGTACGA
 GCTACACTGTTTCCCTAAAAGCAATCGGCTGT

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004715 unedited TANNATCGAGTT TTTTTTTTTTTTTTACAAAAGGATTTTTATTAATAAAAAAAATCTGTTTGGGGGGTCAAATT TGAAATAAATTTACCGAAACTTTTCCTCAGGGGTCTCCAAAACATAAAAGGCCCCCAAAA AAAAACAACCCCCCTTGCCAGGATGCCCGTGGGAGGACCGCAGGATGGCACCCAAGAT CCGTGGCGTGGACCCTGCGTAGGAGGACGCAGGAAACTCCCGGTGCCGACAGTCACGG GGTTCCCGGAAATGGGTTCCCTAAGAGGGAACAACAGGCGGGGGGGTTCCAGGCATGT TTGTGCTGGGCTCGGAACTCGTGCCCCCCCTGGCCTGGTTAAACCCTAATCCATGTT TCGGGGGACCCCAAGCCCCCTAAGGAATGGGCTCTGGTACCCAAGGGGAAAAACAC ACCAACCCCCCTTACCGAAACAGCGGGCGCCCAACCTGGGCCACGTGAGCCTCTGCT GAACTTTTTGGCACAACACACCTGGCCTTTAACACCTGTCACTTACAAAAATAAACATT CCTGTAGTAAACTTCTTAAAAACACCTTTTTTGCAAAATAATGTGTTTCTGTTTGTGG AGCTCTGCAAAAACCTGTCCTTTGGGAAAAAACAACGTGGACCCAACTGTAGGCTGG TCCCGGGACCTCCAATGCTGCTGGAAGTCGGTCAAGCTTTAATCCCTGGCCGCTGCCCG CGCTCACATGAGGTCTTGAGCTCCCCTCCAGCGCCTTGCCATCTTGTGGCCTCGGAG CTGCTGCCCT
Restriction Sites:	NotI-NotI
ACCN:	NM_004715
Insert Size:	4000 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).
RefSeq:	<u>NM_004715.3</u> , <u>NP_004706.3</u>
RefSeq Size:	3775 bp
RefSeq ORF:	3765 bp
Locus ID:	9150
UniProt ID:	<u>Q9Y5B0</u>
Domains:	BRCT, CPDc
Protein Families:	Druggable Genome, Phosphatase, Transcription Factors
Gene Summary:	This gene encodes a protein which interacts with the carboxy-terminus of the RAP74 subunit of transcription initiation factor TFIIF, and functions as a phosphatase that processively dephosphorylates the C-terminus of POLR2A (a subunit of RNA polymerase II), making it available for initiation of gene expression. Mutations in this gene are associated with congenital cataracts, facial dysmorphism and neuropathy syndrome (CCFDN). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011] Transcript Variant: This variant (1) represents the predominant transcript, and encodes the longest isoform (1, also known as FCP1).