

Product datasheet for **SC211213**

CTP synthase (CTPS1) (NM_001905) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CTP synthase (CTPS1) (NM_001905) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CTPS1
Synonyms: CTPS; GATD5; GATD5A; IMD24
ACCN: NM_001905
Insert Size: 947 bp
Insert Sequence: >SC211213 3'UTR clone of NM_001905
The sequence shown below is from the reference sequence of NM_001905. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGAAGTTTCCATCAATAAATCATGACTGATCTTGTAGCGGATGATTCTTCAAGAGACCCTTCAAACCT
GGGTAGAGTTTACAGCTCTGACTTTACTCGGCTTTGGAGACTTCTTTAAATTATGTTTTTATTAAG
ATTATTTTATTATGCGGAAAGGTATTTGGGAAACTTGTCACTTGCATGTCCCATCACGTGTACTGGCTC
CTCTGTGGTGTCTGCCTGTTGCGTGACACTCTCCTTGCAGTTCTTGAGTTGCGGCAGAACATCGCGATG
GGAACCGATGGTGGTGGGGCTGCAGAGTGCCCATCGGTACCTTGTCTCAACTACCTCGCATCAT
TGCAGATGCTAGCGCTTGCCTGTGCTTCCCTTGGATACCTAGACCGTTATAAAGTGTGCCACATGG
ACTTACCAGCATGGAGAGAGGATTTTAGCTAGGATTTGAACACTTGGTGTGGGAACTCAGGGTATT
GCTTGCCACTAAGCCATGAAACCAGAGACAAAATCTCTATACTGCCCTGAGTTGGGGGAATTCTCAGT
GCCAACTGTGGCTGGTCTCATTCAAAGGGACGGTCAGTTTGGTGTCAACATGAAACACCAAGATGTCT
GTCTCTGAAGCGTGATTTTAAAATCCCCATGCCTGTGGCTGCGCTTCTATTTCTAGGGCTGGGAAACA
CTCCTTGCATCAAGGGGTCACTTACAGAACAAAGAATCTTTTGGGGAAACTTCTCTAAAACCTCTC
ATATATAGACAGCTTTGACTGGAGGGTCCATTTTTCTTCCAGGATGGTGTACTGCAGTTGAAAGGGCA
ATATGAAGTTACTTTCTAATGTGACCTAGCAATAGGCATAGCTACGTGGCACTATATTCTGGCCAGAC
TCGATGTGTACTTAAGAAATAAATCAGTAAGGCAGAACAAGAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001905.4
Summary:	This gene encodes an enzyme responsible for the catalytic conversion of UTP (uridine triphosphate) to CTP (cytidine triphosphate). This reaction is an important step in the biosynthesis of phospholipids and nucleic acids. Activity of this protein is important in the immune system, and loss of function of this gene has been associated with immunodeficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Locus ID:	1503
MW:	35.8