

CTP synthase 1 (CTPS1) Recombinant Protein | CTPS1 recombinant protein

Recombinant Human CTP synthase 1 (CTPS1)

CATALOG #
AAA113321

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

CTP synthase 1 (CTPS1); Recombinant Human CTP synthase 1 (CTPS1); CTPS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-591aa; Full Length
Sequence	MKYILVTGGV ISGIGKGIIA SSVGTILKSC GLHVTSIKID PYINIDAGTF SPYEHGEV FV LDDGGEVDLD LGNYERFLDI RLTKDNNLTT GKIIYQYVINK ERKGDYLGKT VQVPHITDA IQEWVMRQAL IPVDEDGLEP QVCVIELGGT VGDIESMPFI EAFRQFQFKV KRENFCAIHV SLVPQPSSTG EQKTKPTQNS VRELRLGLSL PDLVVCRCNS PLDTSVKEKI SMFCHVEPEQ VICVHDVSSI YRVPLLEEQ GVVDYFLRRL DLPIERQPRK MLMKWKEMAD RYDRLLETCS IALVGKYTKF SDSYASVIKA LEHSALAINH KLEIKYIDSA DLEPITSQEE PVRYHEAWQK LCSAHGVLVP GGFGVRGTEG KIQAIWARN QKKPFLGVCL GMQLAVVEFS RNVLGWQDAN STEFDPPTSH PVVDMPEHN PGQMGGTMRL GKRRTLFQTK NSVMRKLYGD ADYLEERHRH RFEVNPVWKK CLEEQGLKFV GQDVEGERME IVELEDHPFF VGVQYHPEFL SRPIKPSPY FGLLLASVGR LSHYLQKGR LSPRDTYSDR SGSSSPDSEI TELKFPSINH D
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CTPS1 recombinant protein	The catalytic conversion of UTP to CTP is accomplished by the enzyme cytidine-5-prime-triphosphate synthetase. The enzyme is important in the biosynthesis of phospholipids and nucleic acids, and plays a key role in cell growth, development, and tumorigenesis. The region to which the CTPS gene has been mapped is the location of breakpoints involved in several tumor types
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NCBI AND UNIPROT INFORMATION

NCBI GI #	669033298
NCBI GeneID	1503
NCBI Accession #	NP_001288166.1
NCBI GenBank Nucleotide #	NM_001301237.1
UniProt Accession #	P17812; Q5VW67; Q96GK6; B4DR64; D3DPW1
Molecular Weight	68.7 kDa
NCBI Official Full Name	CTP synthase 1 isoform b
NCBI Official Synonym Full Names	CTP synthase 1

NCBI Official Symbol	CTPS1
NCBI Official Synonym Symbols	CTPS; GATD5; IMD24
NCBI Protein Information	CTP synthase 1
UniProt Protein Name	CTP synthase 1
UniProt Gene Name	CTPS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ctps1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113321>