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

Recombinant Mouse CTP synthase 1 (Ctps)

CATALOG #	HOST
AAA113132	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

CTP synthase 1 (Ctps); Recombinant Mouse CTP synthase 1 (Ctps); Ctps 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 ISGIGKGVIA SSVGTILKSC GLHVTSIKID PYINIDAGTF SPYEHGEVFV LDDGGEVDLD LGNYERFLDI RLTKDNNLTT GKIYQYVINK ERKGDYLGKT VQVVPHITDA IQEWVMRQAL IPVDEDGLEP QVCVIELGGT VGDIESMPFI EAFRQFQFKV KRENFCNIHV SLVPQPSSTG EQKTKPTQNS VRELRGLGLS PDLVVCRCSN PLDTSVKEKI SMFCHVEPEQ VICVHDVSSI YRVPLLLEEQ GVVDYFLRRL DLPIERQSRK MLMKWKEMAD RYDRLLETCS IALVGKYTKF SDSYASVIKA LEHSALAINH KLEIKYIDST DLEPSTLQEE PVRYHEAWQK LCSAHGVLVP GGFGVRGTEG KIQAIAWARK QKKPFLGVCL GMQLAVVEFS RNVLGWQDAN STEFDPKTSH PVVIDMPEHN PGQMGGTMRL GKRRTLFQTK NSVMRKLYGD TDYLEERHRH RFEVNPVLKK CLEEQGLKFV GQDVEGERME IVELEDHPFF VGVQYHPEFL SRPIKPSPPY FGLLLASVGR LPHYLQKGCR LSPRDTYSDR SGSSSPDSEI TELKFPSISQ D
Species	Mouse
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 Ctps 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

NCBI AND UNIPROT INFORMATION

NCBI GI #	172072613
NCBI GeneID	51797
NCBI Accession #	NP_058028.2
NCBI GenBank Nucleotide #	NM_016748.2
UniProt Accession #	P70698; Q922Y4
Molecular Weight	66,682 Da
NCBI Official Full Name	CTP synthase 1
NCBI Official Synonym Full Names	cytidine 5'-triphosphate synthase

NCBI Official Symbol	Ctps
NCBI Official Synonym Symbols	Ctps1
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/113132