

Recombinant Human CTP synthase/CTPS protein  
ab132558

1 Image

Description

Product name	Recombinant Human CTP synthase/CTPS protein		
Expression system	Wheat germ		
Accession	<u>P17812</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MKYILVTGGVISGIGKGIASSVGTILKSCGLHVTSIKIDPYINID AGTF SPYEHGEVFLDDGGEVDLDLGNYERFLDIRLTKDNNLTT GKIYQVINK ERKGDYLGKTVQVPHITDAIQEWVMRQALIPVDEDGLEP QVCVIELGGT VGDIEMPFIEAFRQFQFKVKRENFCAIHVSLVPQPSSTG EQKTKPTQNS VRELRLGLSPDLVVCRCSNPLDTSVKEKISMFCHVEPE QVICVHDVSSI YRVPLLEEQGVVDYFLRRDLPIERQPRKMLMKWKEMA DRYDRLLETCS IALVGKYTKFSDSYASVIKALEHSALAINHKLEIKYDSADLE PITSQEE PVRYHEAWQKLCSAHGVLVPGGFGVRGTEGKIQAIAWAR NQKKPFLGVCL GMQLAVVEFSRNVLGWQDANSTFDPTTSHPVVVDMP HNPQMGGTMRL GKRRTLFQTKNSVMRKL YGDADYLEERHRH RFEVNPVWK KCLEEQGLKFV GQDVEGERMEVELEDHPFFVGVQYHPEFLSRPIKPSPPY FGLLLASVGR LSHYLQKGCRLSPRDTYSDRIGSSSPDSEITELKFPSINHD		
Predicted molecular weight	91 kDa including tags		
Amino acids	1 to 591		

## Specifications

Our **Abpromise guarantee** covers the use of **ab132558** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA
	SDS-PAGE
	Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as CTP synthase.

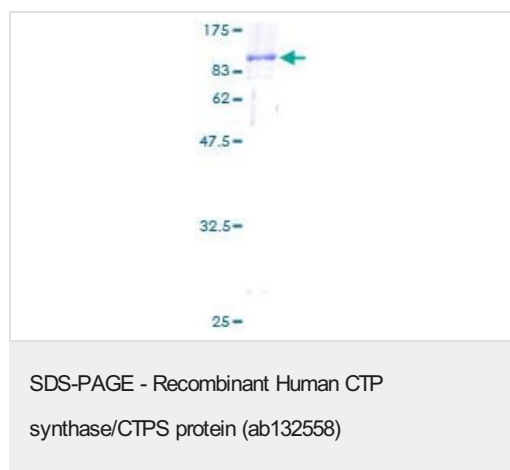
## Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

<b>Relevance</b>	CTP synthase (CTPS) catalyzes the ATP-dependent conversion of UTP to CTP using either L-glutamine or ammonia as the source of nitrogen. The enzyme is important in the biosynthesis nucleic acids. It has a key role in cell growth, development, and tumorigenesis.
<b>Cellular localization</b>	Cytosol, membrane

## Images



12.5% SDS-PAGE analysis of ab132558 stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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