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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CTPS (Human) Recombinant Protein (P01)

Catalog Number: H00001503-P01

Regulation Status: For research use only (RUO)

Product Description: Human CTPS full-length ORF (AAH09408, 1 a.a. - 591 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKYILVTGGVISGIGKGIASSVGTILKSCGLHVTSIKIDP
YINIDAGTFSPYEHGEVFLDDGGEVDLDLGNRYERFLD
IRLTKDNNLTTGKIYQYVINKERKGDYLGKTVQVPHIT
DAIQEWVMRQALIPVDEDGLEPQVCVIELGGTVGDIES
MPFIEAFRQFQFKVKRENFCAIHVSLVPQPSSTGEQKT
KPTQNSVRELRLGLSPDLVVCRCNPLDTSVKEKIS
MFCHVEPEQVICVHVDVSSIYRVPLLEEQQGVVDYFLRR
LDLPIERQPRKMLMKWKEMADRYDRLLTCSIALVVK
YTKFSDSYASVIKALEHSALAINHKLEIKYIDSADLEPITS
QEEPVRVYHEAWQKLC SAHGVLPGGFGVVRGTEGKIQ
AIAWARNQKKPFLGVCLGMQLAVVEFSRNVLGWQDA
NSTEFDPTTSHPVVDMPEHNPGQMGGTMRLGKRRT
LFQTKNSVMRKLYGDADYLEERHRHRFEVNPVWKKC
LEEQLKFVQDVEGERMEIVELEDHPPFFVGVQYHPE
FLSRPIKSPPPYFGLLLASVGRLSHYLQKGCRLSPRDT
YSDRIGSSSPDSEITELKFPSINH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 90.75

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1503

Gene Symbol: CTPS

Gene Alias: -

Gene Summary: 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 [provided by RefSeq]