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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CTPS monoclonal antibody (M01), clone 2G7-1D10

Catalog # : H00001503-M01

規格 : [100 ug]

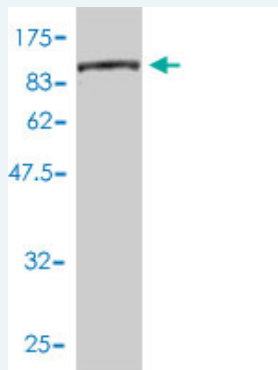
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant CTPS.
Immunogen:	CTPS (AAH09408, 1 a.a. ~ 591 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MKYILVTGGVISGIGKGIASSVGTILKSCGLHVTSIKIDPYINIDAGTFSPYEH GEVFLDDGGEVDLDLGNYSERFLDIRLTKDNNLTTGKIYQYVINKERKGD YLGKTVQVPHITDAIQEWMRQALIPVDEDEGLEPQVCVIELGGTVGDIE SMPFIEAFRQFQFKVKRENFCHNHVSLVPQPSSTGEQKTKPTQNSVREL RGLGLSPDLVCRCSNPLDTSVKEKISMFCHVEPEQVICVHDVSSIYRVPL LLEEQGVVDYFLRRLDPIERQPRKMLMKWKEMADRYDRLLETCSIALV GKYTKFSDSYASVIKALEHSALAINHKLEIKYIDSADLEPITSQEEPVRYHEA WQKLCSAHGVLVPGGFVGRTEGKIQAIAWARNQKKPFLGVCLGMQLA VVEFSRNLGWQDANSTEFDPTTSHPVVDMPEHNPGQMGGTMRLGK RRTLFTQTKNSVMRKL YGDADYLEERHRHRFEVNPWKKCLEEQGLKFV GQDVEGERMEIVELEDHPFFVGVQYHPEFLSRPIKSPPPYFGLLLASVGR LSHYLQKGCRLSPRDTYSDRIGSSSPDSEITELKFPSINH
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b kappa

Quality Control Antibody Reactive Against Recombinant Protein.

Testing:



Western Blot detection against Immunogen (90.75 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

1. PRENYLFLAVANONE COMPOUNDS AND USES THEREOF
Huang, Chung-yang; Chen, Chia-nan; Huang, Wei-jan; Chi, Li-Ling; Chen, Pen-yuan;

2. [beta-Amyloid treatment of two complementary P301L tau-expressing Alzheimer's disease models reveals similar deregulated cellular processes.](#)
David DC, Ittner LM, Gehrig P, Nergren D, Shepherd C, Halliday G, Gotz J. Proteomics. 2006 Dec;6(24):6566-77.

Applications

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1503](#)

**GeneBank
Accession#:** [BC009408](#)

**Protein
Accession#:** [AAH09408](#)

Gene Name: CTPS

Gene Alias: -

**Gene
Description:** CTP synthase

Omim ID: [123860](#)

Gene Ontology: [Hyperlink](#)

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]

**Other
Designations:** OTTHUMP00000006322, OTTHUMP00000006323, cytidine 5'-triphosphate synthetase, cytidine 5-prime triphosphate synthetase

Gene Pathway

[Metabolic pathways](#) [Pyrimidine metabolism](#)