Datasheet for ABIN7590281

CTPS2 Protein (AA 1-586) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	CTPS2
Protein Characteristics:	AA 1-586
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTPS2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKYILVTGGV ISGIGKGIIA SSIGTILKSC GLRVTAIKID PYINIDAGTF SPYEHGEVFV LNDGGEVDLD LGNYERFLDI NLYKDNNITT GKIYQHVINK ERRGDYLGKT VQVVPHITDA IQDWVMNQAK VSVDGNKEDP QICVIELGGT IGDIEGMAFV EAFRQFQFKA KRENFYNIHV SLVPQPSATG EQKTKPTQNS VRALRGLGLS PDLIVCRSST PIEMAVKEKI SMFCHVNPEQ VICIHDVSSI YRVPLLLEEQ GVVKYFQERL DLPINDCSNN LLFKWKTMAD RYERLQKICS IALVGKYTKL RDCYASVFKA LEHSALAINH KLNLMYIDSI DLEPVTKAED PVKFHEAWQK LCLADGILVP GGFGIRGTLG KLQAISWART KKIPFLGICL GMQLAVIEFA RNCLNLKDAN STEFDPNTPV PLVIDMPEHN PGDLGGTMRL GLRRTVFTTE NSILKKLYGD VPYIEERHRH RYEVNPNLIN QFENKDLCFV GEDVDGKRME IIELTGHPYF IGVQFHPEFS SRPMKPSPPY LGLLLAATGT LNTHLQQMSK LSYSDIYSDA SDDSFSEAKF AELDIN
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	CTPS2
Alternative Name:	CTP synthase 2 (Ctps2) (CTPS2 Products)
Background:	Recommended name: CTP synthase 2. EC= 6.3.4.2. Alternative name(s): CTP synthetase 2 UTP--ammonia ligase 2
UniProt:	Q5U2N0
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.