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Datasheet for ABIN1634109 CTPS2 Protein (AA 1-586) (His tag)

Overview

Quantity:	1 mg
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:	<p> MKYILVTGGV ISGIGKGIIA SSIGTILKSC GLRVTAIKID PYINIDAGTF SPYEHGEV FV LNDGGEVDLD LGNYERFLDI NLYKDNNITT GKIYQHVINK ERRGDYLGKT VQVVP HITDA IQDWVMNQAK VSV DGNKEDP QICVIELGGT IGDIEGMAFV EAFRQFQFKA KRENFYNIHV SLVPQPSATG EQKTKPTQNS VRALRGLGLS PDLIVCRSST PIEMAVKEKI SMFCHVNPEQ VICIHDVSSI YRVPLLL EEQ GVVKYFQERL DLPINDCSNN LLFKWKT MAD RYERLQKICS IALVGKYTKL RDCYASVFKA LEHSALAINH KLNLMYIDSI DLEPVTKAED PVKFHEAWQK LCLADGILVP GGFGIRGTLG KLQAISWART KKIPFLGICL GMQLAVIEFA RNCLNLK DAN STEFDPNTPV PLVIDMPEHN PGDLGGTMRL GLRRTVFTTE NSILKKLYGD VPYIEERHRH RYEVNPNLIN QFENKDLCFV GEDVDGKRME IELTGHPYF IG VQFHPEFS SRPMKPSPPY LGLLLAATGT LNTHLQQMSK LSYS DIYSDA SDDSFSEAKF AELDIN </p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

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 modified 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.