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## Datasheet for ABIN1478221 CTU2 Protein (AA 1-493) (His tag)



Overview

Quantity:	1 mg
Target:	CTU2
Protein Characteristics:	AA 1-493
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTU2 protein is labelled with His tag.
Application:	ELISA

#### Product Details

Sequence:	MECQRCPASA RNPATVESRK EKFCDECFIK FVSTKQRKQM MKDEYFRNLF KVIYPFEKEG
	SVSKILLPLS HSDSGSLVML DIVHDLLLEQ TKQHNNRTGF TVDVLTVFTE ENVSVIKERM
	ESLINEKMSQ LNKISNIFNV HFIDVNEFFN NASEVSTFII DNENFEIFSK SKSVDDSNIL
	TLKEILGKYC LNNSSRSDLI SIIKTQLIKH FAYENGYNAI MWGHSMTKLS EVIISLVVKG
	KGSQIATFLD SESFDTLNNK PCKYKNLYPM KDLLSVEIES FLQIRNLAQF LINVEETNVK
	PNCLIARKSL PSLGQQKLVK NMTINEITNK YFQDIQNDYS NIISTVLRTA DKLTQPKSSM
	AKPSQCQICQ SKIYTNPSNW LNRITVTSPY PVETTEEKYL FKQWQDSKLG QSHTHYVELL
	NEIKQGASNS LDVEDGDVKL CYGCLILLNT SIKDKNLVWP KVDTMDITAN ATNKNKELSQ
	ILDQFEINSD GEE
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

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#### Product Details

Purity:

> 90 %

## Target Details

Target:	CTU2
Alternative Name:	Cytoplasmic tRNA 2-Thiolation Protein 2 (NCS2) (CTU2 Products)
Background:	Recommended name: Cytoplasmic tRNA 2-thiolation protein 2. Alternative name(s): Needs CLA4 to survive protein 2 Thiolation of uridine in cytoplasmic tRNA protein 2
UniProt:	P53923

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

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