Datasheet for ABIN1674816

WARS2 Protein (AA 1-451) (His tag)

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Overview

Quantity:	1 mg
Target:	WARS2
Protein Characteristics:	AA 1-451
Origin:	Bordetella bronchiseptica
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This WARS2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNTRVLTGIT TTGTPHLGNY AGAIRPAIQA STQPGVDAFF FLADYHALIK CDDPARVARS RLELAATWLA AGLDPERVTF YRQSDIPEIT ELCWLLTCVT PKGLMNRAHA YKASVDQNAA KGVEPDDGVT MGLFSYPVLM AADILLFNAN QVPVGRDQVQ HLEMARDIAQ RFNHLYGREF FVLPEVVIAE EVATLPGLDG RKMSKSYNNT IPLFEGGAAG LRNATQRIVT DSRLPGEPKD AEASHLYMLY RAFSTQQESM AFRRQLEEGM GWGDAKQALY ERLERDLAPM RERYVELISN PGLIEDILQA GAAKARKLAQ PLVRTLRDAV GLGALQPAAA KAAQPARKAA KDARFVSFRD EDGSFRFRLL AADGEELLCS VPFANPKEAG ALMRRLQDEA PEQALRGHDD VSYAAWLDGK EVAYGPQAAD AGARDALLAK AREALAQLAA A
Specificity:	Bordetella bronchiseptica (strain ATCC BAA-588 / NCTC 13252 / RB50) (Alcaligenes bronchisepticus)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	WARS2
Alternative Name:	Tryptophan--tRNA ligase (trpS) (WARS2 Products)
Background:	Recommended name: Tryptophan--tRNA ligase. EC= 6.1.1.2. Alternative name(s): Tryptophanyl-tRNA synthetase. Short name= TrpRS
UniProt:	Q7WGI7

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

Handling

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