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Datasheet for ABIN1594038

## PARS2 Protein (AA 1-426) (His tag)

### Overview

Quantity:	1 mg
Target:	PARS2
Protein Characteristics:	AA 1-426
Origin:	Rickettsiaceae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PARS2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MLLSKYFLPV LKEEPSEAQV TSHKLMLRSG MIRQQAAGIY TWLPLGLKVL KNIENTIVRLN</p> <p>MNKAGALEVL MPCIQPAHLW MESGRFDNYG KEMLKFQDRH DNTLLFGPTN EDMITDIFRH</p> <p>NIKSYKDLPK NLYHIQWKFR DEIRPRFGVM RGREFLMKDA YSFDINEENA VKTYNQMYKA</p> <p>YINAFRDLGV FAIPVIADNG PIGGNLSHEF HIIAETGEST IYYDKKFKIL KDNPDIDVEE</p> <p>IKSWYAAAE KYEVNKLPI EQEITSSKGI EVGHIFYIGS KYSVNMNALI NDEYGKLTPI</p> <p>EMSSYGIGIS RLVAIIIEAN CDEKGIIWPS SVAPFKVSLI NLNIHDSKCV ELAEMAYKEL</p> <p>SDKNIEVLYD DTEARPGSKF ATHDLIGSPH QIIIGPKKAA NNIVELKDRK SGVIEDIEVG SLMSVL</p>
Specificity:	Rickettsia rickettsii (strain Iowa)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	PARS2
Alternative Name:	Proline--tRNA ligase (proS) ( <a href="#">PARS2 Products</a> )
Background:	Recommended name: Proline--tRNA ligase. EC= 6.1.1.15. Alternative name(s): Prolyl-tRNA synthetase. Short name= ProRS
UniProt:	<a href="#">B0BXB9</a>

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