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Datasheet for ABIN1473197

**WARS Protein (AA 1-475) (His tag)**

## Overview

Quantity:	1 mg
Target:	WARS
Protein Characteristics:	AA 1-475
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This WARS protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MADVTNGERC ASPQELFSSI AAQGELVKSL KARKAPKEEI DSAVKMLLSL KTSYKEAMGE DYKADCPPGN STPDSHGDP EAVDDKEDFVD PWTVRTSSAK GIDYDKLIVQ FGSSKIDKEL VNRIERATGQ RPHRFLRGI FFSHRDMNQV LDAYENKKPF YLYTGRGPSS EAMHVGHLP FIFTKWLQDV FDVPLVQMS DDEKYLWKDL TLEQVYGYTL ENAKDIIACG FDNKTFIFS DLDYMGMSPG FYKNVVKIQK HVTFNQVKGI FGFTDSDCIG KISFPAIQAA PSFSNSFPQI FHGQADIQCL IPCAIDQDPY FRMTRDVAPR IGYPKPALLH STFFPALQGA QTKMSASDPN SSIFLTD TAK QIKTKVNKHA FSGGRD TIEE HRQFGGNCDV DVSFMYLTFF LEDDDKLEQI RKDYSSGAML TGELKKELID VLQPLVAEHQ ARRKEVTDEM VKEFMTPRQL CFHYQ
Specificity:	Oryctolagus cuniculus (Rabbit)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: WARS

Alternative Name: Tryptophan--tRNA ligase, cytoplasmic (WARS) ([WARS Products](#))

Background: Recommended name: Tryptophan--tRNA ligase, cytoplasmic.  
EC= 6.1.1.2.  
Alternative name(s): Tryptophanyl-tRNA synthetase.  
Short name= TrpRS Cleaved into the following 2 chains: 1.  
T1-TrpRS 2.  
T2-TrpRS

UniProt: [P23612](#)

## Application Details

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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

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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

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Storage: -20 °C

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