Datasheet for ABIN7586532

WARS Protein (AA 1-476) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	WARS
Protein Characteristics:	AA 1-476
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This WARS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADMSNGEQG CGSPLELFHS IAAQGELVRD LKARNAAKDE IDSAVKMLLS LKTSYKAATG EDYKVDCPPG DPAPESGEGL DATEADEDFV DPWTVQTSSA KGIDYDKLIV RFGSSKIDKE LVNRIERATG QRPHRFLRRG IFFSHRDMHQ ILDAYENKKP FYLYTGRGPS SEAMHVGHLI PFIFTKWLQD VFNVPLVIQM TDDEKYLWKD LTLDQAYGYA VENAKDIIAC GFDINKTFIF SDLDYMGMSP GFYKNVVKIQ KHVTFNQVKG IFGFTDSDCI GKISFPAIQA APSFSNSFPQ IFRDRTDVQC LIPCAIDQDP YFRMTRDVAP RIGYPKPALL HSTFFPALQG AQTKMSASDP NSSIFLTDTA KQIKTKVNKH AFSGGRDTVE EHRQFGGNCD VDVSFMYLTF FLEDDDKLEQ IRRDYTSGAM LTGELKKELI EVLQPLIAEH QARRKEVTDE IVKEFMTPRK LSYDFQ
Specificity:	Bos taurus (Bovine)
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:	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:	P17248

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

Handling

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