Datasheet for ABIN7589787

Phenylalanyl-tRNA Synthetase, alpha Subunit (FARSA) (AA 2-508) protein (His tag)

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Overview

Quantity:	100 µg
Target:	Phenylalanyl-tRNA Synthetase, alpha Subunit (FARSA)
Protein Characteristics:	AA 2-508
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	ADNPVLEQL LRRLEVADGG LDSAELATQL GVEHQAVVGA VKSLQALGEV IEAELRSTKC WELTTEGEEI AREGSHEARV FRSIPLEGLV QSELMQLPSG KVGFSKAMSN KWIRVDKSAA DGPRVFRVVD SIEDEVQRRL QQVQAGQAEK LAEKERNELR KRKLLTEVIL KTYWVSKGKG FSTSVSKQEA ELSPEMISSG SWRDRPFKPY NFSARGVLPD SGHLHPLLKV RSQFRQIFLE MGFTEMPTDN FIESSFWNFD ALFQPQQHPA RDQHDTFFLR DPAEALQLPM DYVQRVKRTH SQGGYGSQGY KYTWKLEEAR KNLLRTHTTA ASARALYRLA QKKPFTPAKY FSIDRVFRNE TLDATHLAEF HQIEGVIADH GLTLGHLMGV LREFFTKLGI TQLRFKPAYN PYTEPSMEVF SYHQGLKKWV EVGNSGVFRP EMLLPMGLPE NVSVIAWGLS LERPTMIKYG INNIRELVGH KVNLQMVYDS PVCRLDIEPR SSKTQEAA
Specificity:	Rattus norvegicus (Rat)
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:	Phenylalanyl-tRNA Synthetase, alpha Subunit (FARSA)
Alternative Name:	Phenylalanine--tRNA ligase alpha subunit (Farsa) (FARSA Products)
Background:	Recommended name: Phenylalanine--tRNA ligase alpha subunit. EC= 6.1.1.20. Alternative name(s): Phenylalanyl-tRNA synthetase alpha subunit. Short name= PheRS
UniProt:	Q505J8

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.