Datasheet for ABIN1669083

CARS2 Protein (AA 1-493) (His tag)

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Overview

Quantity:	1 mg
Target:	CARS2
Protein Characteristics:	AA 1-493
Origin:	Bacteroides vulgatus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CARS2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MENKLTIYNT LSRQKELFVP LHAPHVGMYV CGPTVYGDAH LGHARPAITF DILFRYLTHL GYKVRYVRNI TDVGHLEHDA DEGEDKIAKK ARLEQLEPME VVQYYLNRYH KAMEALNVLP PSIEPHASGH IIEQIELVEE ILKNGYAYES EGSVYFDVAK YNKDHHYGKL SGRNLDDVLN TTRELDGQSE KRNPADFALW KCAQPEHIMR WPSPWSNGFP GWHCECTAMG KKYLGEHFDI HGGGMDLIFP HHECEIAQSV ASQGDDMVHY WMHNNMITIN GQKMGKSYGN FINLDEFFHG THKLLTQAYS PMTIRFFILQ AHYRSTVDFS NEALQAAEKG LERLTEAVKG LERITPATQT TGIEGVKDLR EKCYTAMNDD LNSPIVIAHL FDGARMINTV LDKKATISAE DLEELKSMFH LFMYEILGLK EEAANNEAHE EAYGKVVDML LEQRMKAKAN KDWATSDKIR DELAALGFEV KDTKDGFTWK LNK
Specificity:	Bacteroides vulgatus (strain ATCC 8482 / DSM 1447 / NCTC 11154)
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:	CARS2
Alternative Name:	Cysteine--tRNA ligase (cysS) (CARS2 Products)
Background:	Recommended name: Cysteine--tRNA ligase. EC= 6.1.1.16. Alternative name(s): Cysteinyl-tRNA synthetase. Short name= CysRS
UniProt:	A6KZ38

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.