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Datasheet for ABIN1510893  
**KARS Protein (AA 1-495) (His tag)**

## Overview

Quantity:	1 mg
Target:	KARS
Protein Characteristics:	AA 1-495
Origin:	Staphylococcus aureus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KARS protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence: MSEEMNDQML VRRQKLQELY DLGIDPFGSK FDRSGLSSDL KEEWDQYSKE ELVEKEADSH  
VAIAGRLMTK RGKKGAGFAH VQDLAQIQI YVRKDQVGDD EFDLWKNADL GDIVGVEGVM  
FKTNTGELSV KAKKFTLLTK SLRPLPKFH GLQDIEQRYR QRYLDLITNE DSTRTFINRS  
KIIQEMRNYL NNKGFLEVET PMMHQIAGGA AARPFVTHHN ALDATLYMRI AIELHLKRLI  
VGGLEKVYEI GRVFRNEGVS TRHNPEFTMI ELYEAYADYH DIMDLTESMV RHIANEVLGS  
AKVQYNGETI DLESAWTRLH IVDVKEATG VDFYEVKSDE EAKALAKEHG IEIKDTMKYG  
HILNEFFEQK VEETLIQPTF IYGHPTISP LAKKNPEDPR FTDRFELFIV GREHANAFTE  
LNDPIDQKGR FEAQLVEKAQ GNDEAHEMDE DYIEALEYGM PPTGGLGIGI DRLVMLLTDS  
PSIRDVLLFP YMRQK

Specificity: Staphylococcus aureus (strain N315)

Purity: > 90 %

## Target Details

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Target:	KARS
Alternative Name:	Lysine-tRNA Ligase (LysS) ( <a href="#">KARS Products</a> )
Background:	Lysine-tRNA ligase. EC= 6.1.1.6. Synonyms: Lysyl-tRNA synthetase. Short name= LysRS
UniProt:	<a href="#">P67610</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Buffer:	PBS pH 7.4, 50% glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C <i>for up to one week</i>
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.