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Datasheet for ABIN1672419  
**STHA Protein (AA 1-464) (His tag)**

Overview

Quantity:	1 mg
Target:	STHA
Protein Characteristics:	AA 1-464
Origin:	Pseudomonas fluorescens
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STHA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAVYNYDVVV LGSGPAGEGA AMNAAKAGRK VAMVDSRRQV GGNCTHLGTI PSKALRHSVR          QIMQFNTNPM FRAIGEPWWF SFPDVLKSAE KVISKQVASR TGYARNRVD LFFGTGSFAD          EQTVEVVCAN GVVEKLVAKH IIIATGSRPY RPADIDFHHP RIYDSDTILS LGHTPRKLII          YGAGVIGCEY ASIFSGLGVL VELVDNRDQL LSFLDSEISQ ALSYHFSNNN ITVRHNEEYE          RVEGLDNGVI LHLKSGKKIK ADALLWCNGR TGNTDKLGME NIGVKVNSRG QIEVDENYRT          CVTNIYGAGD VIGWPSLASA AHDQGRSAAG SIVDNGSWRY VNDVPTGIYT IPEISSIGKN          EHELTKAKVP YEVGKAFFKS MARAQIAGEP QGMLKILFHR ETLEVLGVHC FGYQASEIVH          IGQAIMSQPG EQNTLKYFVN TTFNYPTMAE AYRVAAYDGL NRLF</p>
Specificity:	Pseudomonas fluorescens (strain SBW25)
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: STHA

Abstract: [STHA Products](#)

Background: Recommended name: Soluble pyridine nucleotide transhydrogenase.  
Short name= STH.  
EC= 1.6.1.1.  
Alternative name(s): NAD(P)(+) transhydrogenase [B-specific]

UniProt: [C3K4W1](#)

## 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

Storage: -20 °C

## Handling

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