



[Go to Product page](#)

Datasheet for ABIN1637791  
**DUS Protein (AA 1-326) (His tag)**

### Overview

Quantity:	1 mg
Target:	DUS
Protein Characteristics:	AA 1-326
Origin:	Staphylococcus epidermidis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MKENFWSTLP RPFILAPME DVTNIVFRHV VSEAARPDVF FTEFTNTESY CHPEGIHSVR GRLTFSDDDEQ PMVAHIWGDK PEQFREMSIG LADMGFKGID LNMGCPVANV AKKGKGSGLI LRPETA AEII QASKAGGLPV SVKTRLGYD IDEWRDWLKH VFEQDIANLS IHLRTRKEMS KVDAHWELIE AIKTLRDEIA PNTLLTINGD IPDRQTGLEL ANKYGIDGIM IGRGIFHNPF AFEKEPREHS SKELLGLLRL HLSLFEKYDK DEARHFKSLR RFFKIYVRGI RGASELRHQL MNTQSIAEAR ELLDTFEARM DARSEV
Specificity:	Staphylococcus epidermidis (strain ATCC 12228)
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.
Purity:	> 90 %

## Target Details

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Target:	DUS
Alternative Name:	Probable tRNA-dihydrouridine synthase (dus) ( <a href="#">DUS Products</a> )
Background:	Recommended name: Probable tRNA-dihydrouridine synthase. EC= 1.-.-.
UniProt:	<a href="#">Q8CU07</a>

## Application Details

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