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## Datasheet for ABIN1664165 **TRYR Protein (AA 1-491) (His tag)**

### Overview

Quantity:	1 mg
Target:	TRYR
Protein Characteristics:	AA 1-491
Origin:	Crithidia fasciculata
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRYR protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSRAYDLVVI GAGSGGLEAG WNAASLHKKR VAVIDLQKHH GPPHYAALGG TCVNVGCVPK KLMVTGANYM DTIRESAGFG WELDRESVRP NWKALIAAKN KAVSGINDSY EGMFADTEGL TFHQGFALQ DNHTVLVRES ADPNSAVLET LDTEYILLAT GSWPQHLGIE GDDLCSITSNE AFYLDEAPKR ALCVGGGYIS IEFAGIFNAY KARGGQVDLA YRGDMILRGF DSELRKQLTE QLRANGINVR THENPAKVTK NADGTRHVV FESGAEADYDV VMLAIGRVPR SQTQLQDKAG VEVAKNGAIK VDAYSKTND NIYAIGDVTD RVMLTPVAIN EGAAFVDTVF ANKPRATDHT KVACAVFSIP PMGVCGYVEE DAAKKYDQVA VYESSFTPLM HNISGSTYKK FMVRIVTNHA DGEVLGVHML GDSSPEIIQS VAICKMGAK ISDFYNTIGV HPTSAEELCS MRTPAYFYQK GKRVEKIDSN L
Specificity:	Crithidia fasciculata
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: TRYR

Alternative Name: Trypanothione reductase (TPR) ([TRYR Products](#))

Background: Recommended name: Trypanothione reductase.  
Short name= TR.  
EC= 1.8.1.12.  
Alternative name(s): N(1),N(8)-bis(glutathionyl)spermidine reductase

UniProt: [P39040](#)

## 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.