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Datasheet for ABIN1633321  
**GTDC1 Protein (AA 1-437) (His tag)**

### Overview

Quantity:	1 mg
Target:	GTDC1
Protein Characteristics:	AA 1-437
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GTDC1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSTLLLVEAF YGGSHKQLMD LIKEEVEGCI LYTLPAKKWH WRARTAALYF MQAILPSDTY RVLFTSSVLN LAELVALRPD LGKLLKILYF HENQLIYPVQ KSQERDFQYG YNQILSCLVA DTVVFNSAFN MESFLTSIKT FLKKIPDHRP KNLEEIIRPK CRVLYFPINF PDIRQYLPEH KCIPHNLVDK SSSDISYCPK TSIQTGRMSV EFSDHQIQCS IDESSAEQEK TTVSEKNNCE GVDHVILHSQ STLAGDIHQE KPLHIVWPHR WEHDKDPETF FKVLLKLKEK ELTFHLSVLG ETFTDVPDIF SEARITLGSS VLHWGYLASK DDYLQALCMA DVVVSTAKHE FFGVAMLEAV HCGCYLCPK SLVYPEIFPA VLYSSPEQL LRKLEDFCKR PDIVRRHRFQ GETERFSWAA LRGEFRSLLD AEPREDL
Specificity:	Xenopus laevis (African clawed frog)
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: GTDC1

Alternative Name: Glycosyltransferase-like domain-containing protein 1 (gtdc1) ([GTDC1 Products](#))

Background: Recommended name: Glycosyltransferase-like domain-containing protein 1

UniProt: [Q4V7R4](#)

## 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

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