



[Go to Product page](#)

Datasheet for ABIN1622598  
**DMRTA2 Protein (AA 1-449) (His tag)**

Overview

Quantity:	1 mg
Target:	DMRTA2
Protein Characteristics:	AA 1-449
Origin:	Xiphophorus maculatus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMRTA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDLRPELPTV SSASQVHPGA AAAAAAASIP VSMAGNLLRG PLLLLRAADK YPRTPKCARC RNHGVSALK GHKRYCRWKD CMCAKCTLIA ERQVMAAQV ALRRQQAQEE NEARELQLLY GTAEGLALAA ANGIIPRPN YEVFGSVNSE SNESSIQKY ELFPKTQLSG STTTQKSVGK PASTESDSAP GMSSPDGRHG GGSGSENGDS ESFINSPVSK PLKDGEETPG SVSSLGSDSG SETDKEEQEP SPSSAASRHM NAIDILTRVF PSHKRSVLEL VLQCGKDVV QAIEQILNNS GAQAPNKAGP EETWTAERML QSAQQPPAGS ATAATTTRPM LPGAMTLSNR SAFSPLQPNA PHFGADPGTY PLGTHLGLNP LRLAYSAHSR GLAFMTPYST TGLMPTLGFR PPMDYAFSDL IRDRTMLHKE QGYASGLYGP LVNNTPKQ
Specificity:	Xiphophorus maculatus (Southern platyfish) (Platyopocilus maculatus)
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: DMRTA2

Alternative Name: Doublesex- and mab-3-related transcription factor A2 (dmrta2) ([DMRTA2 Products](#))

Background: Recommended name: Doublesex- and mab-3-related transcription factor A2.  
Alternative name(s): Doublesex- and mab-3-related transcription factor 5

UniProt: [Q2I327](#)

## 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 modiflicated 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.