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Datasheet for ABIN1665994

## POU3F3 Protein (AA 1-438) (His tag)

### Overview

Quantity:	1 mg
Target:	POU3F3
Protein Characteristics:	AA 1-438
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU3F3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MATAASNPYL ASSTILSSAS LVHSESGGGG MQPGSGAVTS VSGGYRGDPT VKMVQSDFMQ</p> <p>GAMAASNGGH MLSHAHQWVT SLPHAAAAAA AAAAAAAEA GSPWSSSPVG MAGSPQQQDV</p> <p>KSSSNREDLH SGTALHHRPS HLGHAHQSHQS AWGGTTASHI STITGGQQQS QQSLIYSQPG</p> <p>GFTVNGMLNP PGSLVHPGLM RGESPEMDHH HHHHHHQQQH PHHHHHHHQH AGVNSHDSHS</p> <p>DEDTPTSDDL EQFAKQFKQR RIKLGFTQAD VGLALGTLYG NVFSQTTICR FEALQLSFKN</p> <p>MCKLKPLLNK WLEEDSTTG SPTSIDKIAA QGRKRKKRTS IEVSVKGALE SHFLKCPKPS</p> <p>AQEITSLADN LQLEKEVVRV WFCNRRQKEK RMTPPGVPQT PEDVYTHAGN VSADTPPPSM</p> <p>DCKREFCGRL LKRCKFER</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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

Purity: > 90 %

## Target Details

Target: POU3F3

Alternative Name: POU domain, class 3, transcription factor 3-A (pou3f3a) ([POU3F3 Products](#))

Background: Recommended name: POU domain, class 3, transcription factor 3-A.  
Alternative name(s): Brain-specific homeobox/POU domain protein 1.1.  
Short name= Brain-1.1.  
Short name= zfBrn-1.1 Class III POU domain protein taichi POU domain protein 12.  
Short name= ZP-12

UniProt: [P56224](#)

## Application Details

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

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.