

Datasheet for ABIN1620503  
**HOXB3 Protein (AA 1-474) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HOXB3
Protein Characteristics:	AA 1-474
Origin:	Takifugu rubripes
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HOXB3 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MQKTTYDNS STLFGGYSSY QVQGAAAAAA NGFGGYDAPV PVSHHQPAFQ SATHLDVDSY</p> <p>QRSACSLQSL GSTNSHQQQQ QLAKTKELNG SCMRSSLPPE HHPSSQVSPP LPPNPTNGNS</p> <p>GAQPPGGSAG TSSKSGSNKS STSSSSISSS TSSSSSSLPP NPTLAKQIFP WMKECRQTTK</p> <p>QKTCSPSNNS GNGAESGSSG EKSPTGGSSA SSKRARTAYT SAQLVELEKE FHFNRYLCRP</p> <p>RRVEMANLLN LSERQIKIWF QNRRMKYKKD QKSKGLSSSS GGPSPTGSPP LTMQSSASYL</p> <p>NSMHPMGGGG GYDVPSPPSF GKPHQGVSYA MSTAYSNVPV KGCPPQQKYG PPDPDYGDPH</p> <p>PHHSLVQANS AGYGTPTNMQ GSPVYVGGGS YLEPMPGSGP SMYGLNHLGP TPTHHTQMDY</p> <p>NGAGPMSATN QHHVGGGGPP GPCDPPTHPT YTELSAHHTS SQGRIQEAPK LTHL</p>
Specificity:	Takifugu rubripes (Japanese pufferfish) (Fugu rubripes)
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: HOXB3

Alternative Name: Homeobox protein Hox-B3a (hoxb3a) ([HOXB3 Products](#))

Background: Recommended name: Homeobox protein Hox-B3a

UniProt: [Q1KKX7](#)

## 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

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