

Datasheet for ABIN1511631  
**TAL1 Protein (AA 1-394) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TAL1
Protein Characteristics:	AA 1-394
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAL1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MSLKMMERLS TDMDGTRDVA SPPARQDAAE PERTVELSGV KEGAAPNSPP RAVPVIELLR RGEGLGNika REQLRLQNI RTTELCRATL TPATELCRAP LTPTTELCRA PLTPTELCR APLTPTTELC RPPLTPAAEF CRASLTPASE LCRAPSSVTG PSLTATTELC RPPIPLPTPS TGPPAEQAVE ARMVQLSPTA SLPLQAAGRT MLYGLNQPLA SDNSGYFGDP DTFPMYTSNS RAKRRPGPIE VEISEGPQPK VRRIFTNSR ERWRQQNVNG AFAELRKLIP THPPDKKLSK NEILRLAMKY INFLAKLLDD QEEEGNQNRNK GNKDNGMVQQ ELLQDMLSPN SSCGSSLDGA PSPDSYSEEH DALDSKHSRN LHQAMLPIDG SGQR
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.
Purity:	> 90 %

## Target Details

Target:	TAL1
Alternative Name:	T-cell acute lymphocytic leukemia protein 1 (tal1) ( <a href="#">TAL1 Products</a> )
Background:	Recommended name: T-cell acute lymphocytic leukemia protein 1. Short name= TAL-1. Alternative name(s): Stem cell leukemia protein SCL. Short name= xSCL
UniProt:	<a href="#">O73823</a>
Pathways:	<a href="#">Stem Cell Maintenance</a>

## 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.