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Datasheet for ABIN1676781

**Cytokeratin 18 Protein (AA 2-432) (His tag)**

## Overview

Quantity:	1 mg
Target:	Cytokeratin 18 (KRT18)
Protein Characteristics:	AA 2-432
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 18 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>SYSRSMYSS SSVVGGSPYR SLSSAPRFAP GSSAASVHAG PGGSGARISV SRVSSVGS GF GGGFSGGFSG VSNVSLMGGA QNEKETMQDL NDRLASYLER VRSLETANKE LEVQIRQHTE KKGPAKDWSP YYKAIEDLKK QVFDSTVDNS QLVLQIDNAR LAADDFRVKY EAELAIRMSV ETDIGGLRKL IDDTNISRLN LENEIESLKE ELIFLKKNHQ DDVNELQAQI ARSAVTVEVD APKSQDLGKI MAELRAQYDG LAQKNREDVE KWYQSKVEEH TMQVNIDTQE LQTSKNSVTE LRRMQSLEI ELESRLNQKA SLEGLHDCRY ARYAMELEML GGTAMARESE LVQVRSDCQR QQQEYQALLN TKMKLEAEIH TYRRLLEGDS FDLQDAVPTV TTQTVKKVIT TTQRIVDGKV VAESNDTEVL KA</p>
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: Cytokeratin 18 (KRT18)

Alternative Name: Keratin, type I cytoskeletal 18-B (krt18-b) ([KRT18 Products](#))

Background: Recommended name: Keratin, type I cytoskeletal 18-B.  
Alternative name(s): Cytokeratin-18-B.  
Short name= CK-18-B Keratin-18-B.  
Short name= K18-B

UniProt: [Q7SY65](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

## 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

## Handling

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Storage: -20 °C

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