

Datasheet for ABIN7590534  
**KRT4 Protein (AA 1-536) (His tag)**



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## Overview

Quantity:	100 µg
Target:	KRT4
Protein Characteristics:	AA 1-536
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT4 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MISRQSSVRG VSRGFSSGSA VAGGVKRVAF SSASMSGGAG RCSSGGFGSR SLYNLGGHKS</p> <p>ISMSVAGSCQ GGGYGGAGGF GVGGYGAGFG AGGFGGGFGG SFNGRGGPGF PVC PAGGIQE</p> <p>VTINQSLTLP LQVEIDPEIQ KIRTAEREQI KTLNNKFASF IDKVRFLEQQ NKVLETKWNL</p> <p>LQQQTTTTSP RNLDPFFETY INALRKNLDT LSNDKGRLQS ELKLMQDSVE DFKTKYEEEI</p> <p>NKR TAAENDF VVLKKD VDAA YMIKVELEAK MESLKDEINF MRVLYEELS QMQTHVSDTS</p> <p>VVLSMDNNRN LDLDGIIAEV RAQYEEIARK SKAEVESWYQ IKVQQLQMSA DQHGDSLKST</p> <p>KNEISELNRM IQRIRSEIEN IKKQTLQASV ADAEQRGELA LKDAYTKRAD LETALQKAKE</p> <p>DLARLMRDYQ ELMNVKLALD VEIATYRKLL EGEECRMSG ECKSAVSISVV GGSASIGGSG</p> <p>GIGLGLGSGF GSGSCSGSGF GFGGGIYGSS GTKITSSATI TKRSPRTRQD PDGLQP</p>
Specificity:	Rattus norvegicus (Rat)
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: KRT4

Alternative Name: Keratin, type II cytoskeletal 4 (Krt4) ([KRT4 Products](#))

Background: Recommended name: Keratin, type II cytoskeletal 4.  
Alternative name(s): Cytokeratin-4.  
Short name= CK-4 Keratin-4.  
Short name= K4 Type-II keratin Kb4

UniProt: [Q6IG00](#)

## 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

Storage: -20 °C

## Handling

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