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Datasheet for ABIN1676285

**Keratin 24 Protein (KRT24) (AA 1-491) (His tag)**

## Overview

Quantity:	1 mg
Target:	Keratin 24 (KRT24)
Protein Characteristics:	AA 1-491
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 24 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MFCSAQKGSC SSRVSSSGAV GSRGCTGSGS SYGLGGGSAW GFQGSSSSWG LSGGSKGSIG GGFSSCSVRG GFGAGSSFEGG GSGFGGGSSG GVSSYGGSLG GGLGGIGGYD GLLSGSEKQ TMQGLNDRLA NYLDKVRAL EANTDLETKI KDWYGRHSG KDGPRDYSQ YCSVIEDLKN QIISATCENA RLALQIDNAR LAADDFRMKY EHELCLRQSL EADINGLRKV LDEMTMTRCD LEMQIEGLTE ELVFLRKNHE EEMKCLQGSS GGDVTVMNA TPGDTLTKLL NDMRAQYEAM AEQNRQAEK QFNERSACLQ AQISTDAGAA NCAKSEVMEL RRTVQTLEIE LQSQLALKCS LEGLADTEA RYVAQLSGIQ TQISSLEEQL SQIRGETQCQ SAEYECLLDI KTRLEQEIET YRRLLNGDGG GCDYRNLSR QVVLNDSNFG SCSGQEKDPS KTRVTKTIE EVVDGKVVSS QVSNISEVKI K
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: Keratin 24 (KRT24)

Alternative Name: Keratin, type I cytoskeletal 24 (Krt24) ([KRT24 Products](#))

Background: Recommended name: Keratin, type I cytoskeletal 24.  
Alternative name(s): Cytokeratin-24.  
Short name= CK-24 Keratin-24.  
Short name= K24 Type I keratin-24

UniProt: [Q6IFX1](#)

## 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.