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Datasheet for ABIN1668850

**Cytokeratin 7 Protein (AA 2-469) (His tag)**

## Overview

Quantity:	1 mg
Target:	Cytokeratin 7 (KRT7)
Protein Characteristics:	AA 2-469
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 7 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	SIHFSSPVF TSRSAAFSGR GAQVRLSSAR PGGLGSSSLY GLGASRPRVA VRSAYGGPVG AGIREVTINQ SLLAPLRLDA DPSLQVRVQE EREQIKTLNN KFASFIDKVR FLEQQNKLLE TKWTLLQEQK SAKSSRLPDI FEAQIAGLRG QLEALQVDGG RLEAELQSMQ DVVEDFKNKY EDEINRRAAA ENFVVLKGD VDAAYMSKVE LEAKVDALND EINFLRTLNE TELTELQSQI SDTSVLSMD NSRSLDLGI IAEVKAQYEE MAKCSRAEAE AWYQTKFETL QAQAGKHGDD LRNTRNEISE MNRAIQLQA EIDNIKDQRA KLEAAIAEAE ERGELALKDA RAKQEELEAA LQRAKQDMAR QLREYQELMS VKLALDIEIA TYRKLLEGEE SRLAGDGVGA VNISVMNSTG GSSSGGGIGL TLGGTMGSNA LSFSSSAGPG PLKAYSIRTA SASRRSARN
Specificity:	Pan troglodytes (Chimpanzee)
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 7 (KRT7)

Alternative Name: Keratin, type II cytoskeletal 7 (KRT7) ([KRT7 Products](#))

Background: Recommended name: Keratin, type II cytoskeletal 7.

Alternative name(s): Cytokeratin-7.

Short name= CK-7 Keratin-7.

Short name= K7 Type-II keratin Kb7

UniProt: [A5A6N0](#)

## 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.