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Datasheet for ABIN7319747

**Cytokeratin 7 Protein (His tag)**

## Overview

Quantity:	100 µg
Target:	Cytokeratin 7 (KRT7)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 7 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human KRT7 Protein (His Tag)
Sequence:	Glu91-Asp469
Characteristics:	A DNA sequence encoding the Human KRT7 (P08729-1) (Glu91-Asp469) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Cytokeratin 7 (KRT7)
Alternative Name:	KRT7 ( <a href="#">KRT7 Products</a> )
Background:	Background: Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I

## Target Details

keratins,including K1-K8,and the hair keratins,Hb1-Hb6. KRT7,also named as cytokeratin 7,is one member of type II basic cytokeratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels,and their neoplasms. KRT7 is marker of epithelial tissues,but not present in carcinomas of stratified squamous cell origin.This antibody is specifically against KRT7.

Synonym: CK 7,CK-7,CK7,Cytokeratin 7,Cytokeratin-7,D15Wsu77e,K2C7,K2C7,K7,Keratin 7,Keratin 7,type II,Keratin type II cytoskeletal 7,Keratin,55K type II cytoskeletal,Keratin,simple epithelial,Keratin,simple epithelial type I,K7,Keratin,type II cytoskeletal 7,Keratin-7,Krt2-7,KRT7,MGC11625,MGC129731,MGC3625,Sarcolectin,SCL,Type II mesothelial keratin K7,Type-II keratin Kb7

Molecular Weight:	42 kDa
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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