

Datasheet for ABIN7548655

**Keratin 72 Protein (KRT72) (AA 1-511) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Keratin 72 (KRT72)
Protein Characteristics:	AA 1-511
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 72 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat KRT72 Protein expressed in mammalian cells.
Sequence:	MSRQLTHFPR GERLGFSGCS AVLGGIGSS SASFRARVKG SASFGSKSLS CLGGSRSLAL SAAARRGGGR LGGFVGTAFG SAGLGPKCPS VCPPGGIPQV TVNKSLLAPL NVEMDPEIQR VRAQEREQIK ALNNKFASFI DKVRFLEQQN QVLETKWNLL QQLDLNCRK NLEPIYEGYI SNLQKQLEML SGDGVRLDSE LRNMQDLVED YKKRYEVEIN RRTAAENEFV VLK KDVDAAY MNVKVELQAKV DSLTDEIKFF KCLYEGETIQ IQSHISDTSI VLSMDNNDL DLDSIIAEVR AQYEEIALKS KAAEETLYQT KIQLQVTAG QHGDDLKLTAK AEISELNRLI QRIRSEIGNV KKQCADLETA IADAEQRGDC ALKDARAKLD ELEGALHQAQ EELARMLREY QELVSLKLAL DMEIATYRKL LESEECRMSG EYPNSVSVISV ISSTNAGAGG AGFSMGFGAS SSYSYKTA AA DVKTKGSCGS ELKDPLAKTS GSSCATKKAS R <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please</b>

## Product Details

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### contact us.

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#### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

#### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

#### Grade:

custom-made

## Target Details

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#### Target:

Keratin 72 (KRT72)

#### Alternative Name:

KRT72 ([KRT72 Products](#))

#### Background:

Keratin, type II cytoskeletal 72 (Cytokeratin-72) (CK-72) (Keratin-72) (K72) (Type II inner root sheath-specific keratin-K6irs2) (Type-II keratin Kb35),FUNCTION: Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (Probable). {ECO:0000305}.

#### Molecular Weight:

55.9 kDa

#### UniProt:

[Q14CN4](#)

## Application Details

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#### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months