

Datasheet for ABIN7548597

**Keratin 75 Protein (KRT75) (AA 1-551) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Keratin 75 (KRT75)
Protein Characteristics:	AA 1-551
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 75 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant KRT75 Protein expressed in mammalian cells.
Sequence:	<p>MSRQSSITFQ SGSRRGFSTT SAITPAAGRS RFSSVSVARS AAGSGGLGRI SSAGASFGSR SLYNLGGAKR VSINGCGSSC RSGFGGRASN RFGVNSGFGY GGGVGGGFSG PSFPVCPGG IQEVTVNQSL LTPLHLQIDP TIQVRAEER ESIKTLNNKF ASFIDKVRFL EQQNKVLETK WALLQEQGSR TVRQNLPLF DSYTSELRRQ LESITTERGR LEAELRNMQD VVEDFKVRYE DEINKRTAAE NEFVALKKDV DAAYMKNKVEL EAKVKSLPEE INFIHSVFDA ELSQLQTQVG DTSVVLMDN NRNLDLDSII AEVKAQYEDI ANRSRAEAE WYQTKYEELQ VTAGRHGDDL RNTKQEISEM NRMQRLRAE IDSVKKQCSS LQTAIADAEQ RGELALKDAR AKLVDLEEAL QKAKQDMARL LREYQELMNI KLALDVEIAT YRKLLEGEEC RLSGEGVSPV NISVVTSTLS SGYGGSSSIG GGNLGLGGGS GYSFTTSGGH SLGAGLGGSG FSATSNRGLG GSGSSVKFVS TTSSSQKSYT H <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 contact us.</b></p>

## Product Details

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** Keratin 75 (KRT75)

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**Alternative Name:** KRT75 ([KRT75 Products](#))

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**Background:** Keratin, type II cytoskeletal 75 (Cytokeratin-75) (CK-75) (Keratin-6 hair follicle) (hK6hf) (Keratin-75) (K75) (Type II keratin-K6hf) (Type-II keratin Kb18),FUNCTION: Plays a central role in hair and nail formation. Essential component of keratin intermediate filaments in the companion layer of the hair follicle.

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**Molecular Weight:** 59.6 kDa

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**UniProt:** [O95678](#)

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## Application Details

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**Application Notes:** We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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## 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