

Datasheet for ABIN7561433  
**KRT81 Protein (AA 1-481) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	KRT81
Protein Characteristics:	AA 1-481
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT81 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Krt81 Protein expressed in mammalian cells.
Sequence:	<p>MTCGSGFCGR AFSCASACGP RPGRCCISAA PYRGISCYRG LSGGFGSQSV CGAFRSGSCG RSFGYRSGGI CGPSPPCITT VSVNESLLTP LNLEIDPNAQ CVKHEEKEQI KCLNSKFAAF IDKVRFLEQQ NKLLETKWQF YQNRKCCESN MEPLFEGYIE ALRREAECVE ADSGRLLAAEL NHAQESMEGY KKRYEEVSL RATAENEFVA LKKDVEDCAYL RKSDLEANAE ALTQETDFLR RMYDEETRIL HSHISDTSIV VKMDNSRD LN MDCVVAEIKA QYDDIASRSR AEAESWYRTK CEEIKATVIR HGETLRRTRE EINELNRM IQ RLTAEIENAK CQNTKLEAAV TQSEQQGEAA LADARCKLAE LEGALQKAKQ DMACLLKEYQ EVMNSKLGLD VEITTYRRL L EGEEQRLCEG VGAVNVCVSS SRGGVVC GDL CVSGSRP VIG SACSAPCSGN LAVNTGLCAP CGSAVSCGRK C</p> <p><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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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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:

KRT81

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### Alternative Name:

Krt81 ([KRT81 Products](#))

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### Background:

Keratin, type II cuticular Hb1 (Keratin-81) (K81) (Type II hair keratin Hb1)

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### Molecular Weight:

52.9 kDa

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### UniProt:

[Q9ERE2](#)

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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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### Restrictions:

For Research Use only

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## 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