

Datasheet for ABIN7548654

## Cytokeratin 2 Protein (AA 1-638) (His tag)



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### Overview

Quantity:	1 mg
Target:	Cytokeratin 2 (KRT76)
Protein Characteristics:	AA 1-638
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat KRT76 Protein expressed in mammalien cells.
Sequence:	<p>MNRQVCKKSF SGRSQGFSGR SAVVSGSSRM SCVARSGGAG GGACGFRSGA GSFGSRSLYN  LGSNKISIS VAAGSSRAGG FGGGRSSCGF AGGYGGGFGG SYGGGFGGGR GVGSGFGGAG  GFGGAGGFGG PGVFGGPGSF GPGGFGPGG FPGGIQEVIV NQSLQLPLNV EIDPQIGQVK  AQEREQIKTL NNKFASFDK VRFLEQQNKV LETKWELLQQ QTTGSGPSSL EPCFESYISF  LCKQLDLLG ERGNLEGELK SMQDLVEDFK KKYEDEINKR TAAENEFVGL KKDVDAAFMN  KVELQAKVDS LTDEVSFLRT LYEMELSQMQ SHASDTSVVL SMDNNRCLDL GSIIAEVRAQ  YEEIAQRSKS EAEALYQTKL GELQTTAGRH GDDLNRNTKSE IMELNRMIQR LRAEIENVKK  QANLQTAIA EAEQRGEMAL KDANAKLQDL QTALQKAKDD LARLLRDYQE LMNVKLALDV  EIATYRKLLG GEECRMSGEC QSAVCISVVS NVTSTSGSSG SSRGVFGGVS GSGSGGYKGG  SSSSSSSYG VSGGSGSGYG GVSSGSTGGR GSSGSYQSSS SGSRLGGAGS ISVSHSGMGS  SSGSIQTSGG SGYKSGGGGS TSIRFSQTTS SSQHSSTK <b>Sequence without tag. The proposed</b></p>

## Product Details

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**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.**

### 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:

Cytokeratin 2 (KRT76)

### Alternative Name:

KRT76 ([KRT76 Products](#))

### Background:

Keratin, type II cytoskeletal 2 oral (Cytokeratin-2P) (CK-2P) (K2P) (Keratin-76) (K76) (Type-II keratin Kb9),FUNCTION: Probably contributes to terminal cornification.  
{ECO:0000269|PubMed:1282112}.

### Molecular Weight:

65.8 kDa

### UniProt:

[Q01546](#)

## 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

## Application Details

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guarantee though.

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