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Datasheet for ABIN7562000

**Cytokeratin 28 Protein (KRT28) (AA 1-462) (His tag)**

## Overview

Quantity:	1 mg
Target:	Cytokeratin 28 (KRT28)
Protein Characteristics:	AA 1-462
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 28 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Krt28 Protein expressed in mammalian cells.
Sequence:	<p>MSLRFSGGSR HVGIQSGSLR PPSGGAGFAG SSVAGGSVAG SGFSWALGGT LGSAPGGSHA TGALGNVSGV CFGISEGGLL SGNEKVTMQN LNNRLASYLD NVKALEEANS ELERKIKTWH EKYGPGRGCRG LDRDYSKYHL TIEDLKSII SSTAANANII LQIDNARLAA DDFRLKYENE LTLHQNV EAD INGLRRVLDE LTLCRTDQEL QYESLSEEMT YLKKNHHEEM KVLQCAAGGN VNVEMNAAPG VDLTVLLNNM RAEYEALAEQ NRRDAEAWFQ EKSATLQQQI SNDLGAATSA RTELTCLKRS LQTLEIELQS LSATKHSLEC SLAETEGNYC SQLAQIQAQI SALEEQQLHQV RTETEGQKLE HEQLLDIKAH LEKEIETYCR LIDGDENSCS VSKGFESGTS GNSPKDVSKT TLVKTVVEEI DQRGKVLSSR IHSIEEKMSK MSNGKAEQRV PF <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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### 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, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

Cytokeratin 28 (KRT28)

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### Alternative Name:

Krt28 ([KRT28 Products](#))

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### Background:

Keratin, type I cytoskeletal 28 (Cytokeratin-28) (CK-28) (Keratin-25D) (K25D) (Keratin-28) (K28) (Type I inner root sheath-specific keratin-K25irs4),FUNCTION: Essential for the proper assembly of types I and II keratin protein complexes and the formation of keratin intermediate filaments in the inner root sheath (irs). {ECO:0000269|PubMed:14996088, ECO:0000269|PubMed:17920809}.

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### Molecular Weight:

50.3 kDa

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### UniProt:

[A6BLY7](#)

## 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