

Datasheet for ABIN7548617

Cytokeratin 28 Protein (KRT28) (AA 1-464) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cytokeratin 28 (KRT28)
Protein Characteristics:	AA 1-464
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 28 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KRT28 Protein expressed in mammalian cells.
Sequence:	<p>MSLQFSNGSR HVCLRSGAGS VRPLNGGAGF AGSSACGGSV AGSEFSCALG GGLGSVPGGS HAGGALGNAA CIGFAGSEGG LLSGNEKVTM QNLNDRASY LDNVRALEEA NAELERKIKG WYEKYGPGSC RGLDHDYSRY HLTIEDLKNK IISSTTTNAN VILQIDNARL AADDLRLKYE NELTLHQNVE ADINGLRRVL DELTLCRTDQ ELQYESLSEE MTYLKKNHEE EMKALQCAAG GNVNVEMNAA PGVDLAVLLN NMRAEYEALA EQNRKDAEAW FNEKSASLQQ QISHDSGAAT FARSQLTEMR RTLQTLEIQL QSLMATKHSL ECSLTETESN YCTQLAQIQA QIGALEEQLH QVRTETEGQK LEYEHLLDVK VHLEKEIETY CRLIDGDGNS CSKSKGFGSG SPGNSSKDLS KTTLVKTVVE ELDQRGKVL SRIHSIEEKT SKMTNGKTEQ RVPF 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

Cytokeratin 28 (KRT28)

Alternative Name:

KRT28 ([KRT28 Products](#))

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:0000250|UniProtKB:A6BLY7}.

Molecular Weight:

50.6 kDa

UniProt:

[Q7Z3Y7](#)

Application Details

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.

Restrictions:

For Research Use only

Handling

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