

Datasheet for ABIN7556437
KRT16 Protein (AA 1-469) (His tag)



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Overview

Quantity:	1 mg
Target:	KRT16
Protein Characteristics:	AA 1-469
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT16 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Krt16 Protein expressed in mammalian cells.
Sequence:	<p>MATCSRQFTS SSSMKGSCGI GGGSSRMSSI LAGGSCRAPS TCGGMSVTSS RFSSGGVCGI GGGYGGSFSS SSFGGGLGSG FGGRFDGFGG GFGAGLGGGL GGGIGDGLLV GSEKVTMQNL NDRLATYLDK VRALEEANRD LEVKIRDWYQ RQRPTTEIKDY SPYFKTIEDL KSKIIATQE NAQFTLQIDN ARLAADDFT KYENELFLRQ SVEGDINGLR KVLDELTLR ADLEMQIENL REELAFLLKN HEEMLALRG QTGGDVNEM DAAPGVDLSR ILNEMRDQYE QMAEKNRRDV EAWFLRKTEE LNKEVASNSD LIQSNRSEVA ELRRVFQGLE IELQSQLSMK ASLENSLEET KGRYCMQLSQ IQGLISSVEE QLAQLRCEME QQSQEYNILL DVKTRLEQEI ATYRRLDGE NIHSSSQHSS GQSYSSREVF SSSSRQPRSI LKEQGSTSFS QSQSQSSRD Sequence without tag.</p> <p>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:

KRT16

Alternative Name:

Krt16 ([KRT16 Products](#))

Background:

Keratin, type I cytoskeletal 16 (Cytokeratin-16) (CK-16) (Keratin-16) (K16),FUNCTION: Epidermis-specific type I keratin that plays a key role in skin (PubMed:22336941, PubMed:24218583). Acts as a regulator of innate immunity in response to skin barrier breach: required for some inflammatory checkpoint for the skin barrier maintenance (PubMed:24218583). {ECO:0000269|PubMed:11029038, ECO:0000269|PubMed:22336941, ECO:0000269|PubMed:24218583}.

Molecular Weight:

51.6 kDa

UniProt:

[Q9Z2K1](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
