

Datasheet for ABIN7561866
KRTAP17-1 Protein (AA 1-502) (His tag)



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Overview

Quantity:	1 mg
Target:	KRTAP17-1
Protein Characteristics:	AA 1-502
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRTAP17-1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Krtap16-1 Protein expressed in mammalien cells.
Sequence:	<p>MSGCCSRKC PSLPAISLCS TEVSCGGPVC LPSSCRSQTW QLVTCEDSCG SSGCGSQCCQ PSCSVSSCCQ PVCCEATICE PSCSVSSCAQ PVCCEATICE PSCSMGSCCQ PVCCEATICE PSCSVSTCAQ PVCCEATMCQ PSCSVSSCQP VCETSSCQP VLCLPATCQP VICKPCCQCP VICEPSCCSA VCAVPASCQP MICEPVVCEP ACCQPVGPTP SCCPSVCSAA SSCQPVGCET SPCEPPCSEA SACQPSACMA LVCEPVCLRP VCCVQGPCEP PCVSSSCQDS SCCVSSICQP VCPEPSPCLP SVCVPTPCQP SCYIVKRCRS VSCEPISCPS PSCQPACCRP GSSASAICQP ACPPRTFYIP SSCKPPCSPV SCRPICRPIC SGPITFRQPY VTSITYRPAC YRSCYSILRR PTCLASYSYR PVCSRQPCTD SDNDKCDSSK PTSSQPDCAD STPVKTEVSD ETPCQPSEIK PASPITREAA APQPAASKPA DR 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>

Product Details

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

Target:

KRTAP17-1

Alternative Name:

Krtap16-1 ([KRTAP17-1 Products](#))

Background:

Keratin-associated protein 16-1,FUNCTION: In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.

Molecular Weight:

52.0 kDa

UniProt:

[A2A5X5](#)

Application Details

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

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