

Datasheet for ABIN7557927

KRT74 Protein (AA 1-495) (His tag)



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Overview

Quantity:	1 mg
Target:	KRT74
Protein Characteristics:	AA 1-495
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT74 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Krt74 Protein expressed in mammalian cells.
Sequence:	MASCHTAGHR TGLSSRSLYS LGGNQHTSYN VAGGSARGTR HSGYGYGGG RGS GFANSMF GSMALGANCP SVCLSGGIYQ VTVNKSLLAP LNVELDPEIQ KVRAQEREQI KALNDKFASF IDKVRFLEQQ NQVLQTKWEL LQQLDLSNCR RNLEPVYEAH ISNLRKQLEM LSGERVRLDP DLRKMRDVVE DYKKRYEVEI TQRTAAENEF VLLKKDADAA YTVKVELQDK VDSLKDIIKF LKCLYDEEIS QLQTHASETS VILSMDNNRD LLAGIIAEV RAHYEDIALK SKAEAEMLYQ TKIQELQLAA GCGYDGLKHI RSEMLELDRL IQRIRCDIAN VKKQCSNLEM AIADAEQRGD SALKDAWAKL DELEGALQQA KEELARMLCE YQELMGLKLS LDVEIATYRK LLEGEENRMS GENPSSSVSVS VISSSCGSCG YHPSSMISDS EAGNAVGPS TPRNSQSKTR GSSVDPRDAQ DESAAAAGTL ARKTT 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.

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:

KRT74

Alternative Name:

Krt74 ([KRT74 Products](#))

Background:

Keratin, type II cytoskeletal 74 (Keratin-74) (K74) (Type-II keratin Kb37),FUNCTION: Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (By similarity). {ECO:0000250|UniProtKB:Q7RT57}.

Molecular Weight:

54.7 kDa

UniProt:

[Q6IFZ9](#)

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.

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