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Datasheet for ABIN7557929

Keratin 72 Protein (KRT72) (AA 1-520) (His tag)

Overview

Quantity:	1 mg
Target:	Keratin 72 (KRT72)
Protein Characteristics:	AA 1-520
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 72 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Krt72 Protein expressed in mammalien cells.
Sequence:	MSRQLTLYPG AERLGFSGCS AVISGRSLGS HASVRAGVKG AAFGSRSLFC VGGGRRLLALS SAGRSGGFTL GHGGASGGRP GGFVGTVFGS AGLGPTCPSV CPPGGIPQVV VNKSL LAPLN VELDPEIQKV RAQEREQIKA LNNKFASFID KVRFLEQQNQ VLETKWELLQ QLDLNNSKRS LEPVHESYIS NLQKQLEILS GDRVRLDSEL RNMREVVEDC KKRYEVEINR RTAAENEFVW LKKDVDAAYM NKVELQAKVD SLTDDIKFFK VLFEGEIAQM QSHISDTSVI LSMDNNRQLD LDSILAEVRA QYEEIAVKSK AETENMYQCK IQELQATAGQ HGDDLKHTKS EITEINRLIQ RIHSEIGNMK KQCSNLETAI ADAEQRGDCA LKDARAKLDQ LEGALQQAKE ELARMLREHQ ELMNVKLALD MEIATYRKLL ESEESRMAGE YPNSVSISVI SSTNAGPGGA GFSVGF GASS SYNYRPLALE VKTKGSCGSE LKDPPAKTSG SSGTTKKT SR 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

Product Details

request, please contact us.

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:

Keratin 72 (KRT72)

Alternative Name:

Krt72 ([KRT72 Products](#))

Background:

Keratin, type II cytoskeletal 72 (Cytokeratin-72) (CK-72) (Keratin-72) (K72) (Type II inner root sheath-specific keratin-K6irs2) (Type-II keratin Kb35),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}.

Molecular Weight:

56.8 kDa

UniProt:

[Q6IME9](#)

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