

Datasheet for ABIN7563361
KRT6A Protein (AA 1-553) (His tag)



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Overview

Quantity:	1 mg
Target:	KRT6A
Protein Characteristics:	AA 1-553
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT6A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Krt6a Protein expressed in mammalian cells.
Sequence:	MSTKTTIKSQ TSHRGYSASS ARVPGLNRSR FSSVSVCRSR GSGGSSAMCG GAGFGSRSLY GVGSSKRISI GGGSCGIGGG YGSRFGGSFG IGGGAGSGFG FGGGAGFGGG YGGAGFPVCP PGGIQEVNTIN QSLLTPLNLQ IDPTIQRVRT EEREQIKTLN NKFASFIDKV RFLEQQNKVL DTKWALLQEQ GTKTVRQNLQ PMFEQYISNL RRQLDSIIGE RGRLDSELRN MQDTEVDYKS KYEDEINKRT AAENEFVTLK KDVDAAYMNK VELQAKADSL TDDINFLRAL YEAELSQMGT HISDTSVVLS MDNNRSLDLD SIIAEVKAQY EDIAQRSRAE AESWYQTKYE ELQVTAGRHG DDLNRNTKQEI AEINRMIQRL RSEIDHVKKQ CANLQAAIAD AEQRGEMALK DARGKLEGLE DALQKAKQDM ARLLKEYQEL MNVKLALDVE IATYRKLLLEG EECRLNGEGV GPVNISVVQS TVSSGYGSAG GASSSLGLGG GSSYSYSSSH GLGGGFSAGS GRAIGGLSS SGGLSSSTIK YTTTSSSKKS YRQ 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

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different 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: KRT6A

Alternative Name: Krt6a ([KRT6A Products](#))

Background: Keratin, type II cytoskeletal 6A (Cytokeratin-6A) (CK-6A) (Keratin-6-alpha) (mK6-alpha) (Keratin-6A) (K6A),FUNCTION: Epidermis-specific type I keratin involved in wound healing (PubMed:10866680). Involved in the activation of follicular keratinocytes after wounding, while it does not play a major role in keratinocyte proliferation or migration (PubMed:10866680). Participates in the regulation of epithelial migration by inhibiting the activity of SRC during wound repair (PubMed:22529101). {ECO:0000269|PubMed:10866680, ECO:0000269|PubMed:22529101}.

Molecular Weight: 59.3 kDa

UniProt: [P50446](#)

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
