

Datasheet for ABIN7558100
KRT9 Protein (AA 1-743) (His tag)



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Overview

Quantity:	1 mg
Target:	KRT9
Protein Characteristics:	AA 1-743
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Krt9 Protein expressed in mammalian cells.
Sequence:	<p>MSCRQSSSSF WSSSSSCGGG GGRGGSGGSM RSSFSRSSRA GGGGGGRFNS SSGFSGGGFS ACGGGGGGSF GSSYGGGYGG GFSTGSYSGM FGGGSGGGFG GSGGGFGGG SGGGFGGGSG GGEGGILNTN EKIVMQLNLS RLASYMEKVL ELEESNTAME KIQDWYSKR GPKVFQKDNT HYYDTIEDLK DRIVDLTVRN NKTLVDIDNT RMTMDDFRVK LEMEQLRQG VEGDINGLKK VLDDLVMAS DLEILLDSLE DEKNALTKNH KEEMSQLTGQ NDGDVNVEIN VAPSTDLTRV LNDMREEYEQ LISKNRQDIE QHYESKMTQI EQQMTNSGQE MESNMKQVSQ LQHTIQELNV ELQTLTTKS ALEKALEDTK NRYCQLQOI QEQISELEAQ LAEIRAETEC QSQEYSILLS IKTRLEKEIE TYRELLEGGQ QDFESSGAGQ IGFSGGKGRQ RSGGGSYGGG SGGSYGGGSG GSYGGGSGGS YGGGSGGSYG GSGGSHGGK SGGSHGGGSG GSYGGESGGS HGGGSGGSYG GGSGGSHGGK SGGGYGGGSS SGGGSGGSYG GSGGSHGGG SGGSYGGGSG GSHGGKSGGG YGGGSSSGG SGGSYGGGSG GSHGGKSGGS YGGGSGGSYG GSGGSHGGK SGGGYGGGSS SGGGSGGSYG GSGGSHGGK SGGSYGGGSS SGGGSGGSYG GSGSGGGSG GSYGGGNRRP</p>

Product Details

SQSQSSSKSA DCDDDSQEHK MRY **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.**

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: KRT9

Alternative Name: Krt9 ([KRT9 Products](#))

Background: Keratin, type I cytoskeletal 9 (Cytokeratin-9) (CK-9) (Keratin-9) (K9),FUNCTION: May serve an important special function either in the mature palmar and plantar skin tissue or in the morphogenetic program of the formation of these tissues. Plays a role in keratin filament assembly (By similarity). Plays an essential role in the correct development of sperm. {ECO:0000250|UniProtKB:P35527, ECO:0000269|PubMed:16015579}.

Molecular Weight: 72.5 kDa

UniProt: [Q6RHW0](#)

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
