

Datasheet for ABIN7548913
KRT81 Protein (AA 1-505) (His tag)



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Overview

Quantity:	1 mg
Target:	KRT81
Protein Characteristics:	AA 1-505
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KRT81 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KRT81 Protein expressed in mammalian cells.
Sequence:	<p>MTCGSGFGGR AFSCISACGP RPRGCCITAA PYRGISCYRG LTGGFGSHSV CGGFRAGSCG RSFGYRSGGV CGPSPPCITT VSVNESLLTP LNLEIDPNAQ CVKQEEKEQI KSLNSRFAAF IDKVRFLEQQ NKLLETKLQF YQNRECCQSN LEPLFEGYIE TLRREAECVE ADSGRLASEL NHVQEVLEGY KKKYEEEVSL RATAENEFVA LKKDVDCAYL RKSDLEANVE ALIQEIDFLR RLYEEEEILIL QSHISDTSV VKLDNSRDLN MDCIIAEIKA QYDDIVTRSR AEAESWYRSK CEEMKATVIR HGETLRRTKE EINELNRMIQ RLTAEVENAK CQNSKLEAAV AQSEQQGEAA LSDARCKLAE LEGALQKAKQ DMACLIREYQ EVMNSKLGLD IEIATYRRLLEGEEQRLCEG IGAVNVCVSS SRGGVVCVDL CVSGSRPVTG SVCSAPCNGN VAVSTGLCAP CGQLNTTCGG GSCGVGSCGI SSLGVGSCGS SCRKC 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

KRT81

Alternative Name:

KRT81 ([KRT81 Products](#))

Background:

Keratin, type II cuticular Hb1 (Hair keratin K2.9) (Keratin, hair, basic, 1) (Keratin-81) (K81) (Metastatic lymph node 137 gene protein) (MLN 137) (Type II hair keratin Hb1) (Type-II keratin Kb21) (ghHKb1) (ghHb1)

Molecular Weight:

54.9 kDa

UniProt:

[Q14533](#)

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