

Datasheet for ABIN7560397

Keratin 82 Protein (KRT82) (AA 1-516) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Keratin 82 (KRT82)
Protein Characteristics:	AA 1-516
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Keratin 82 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Krt82 Protein expressed in mammalian cells.
Sequence:	<p>MSCRNFQLSP RCGNRSFSSC SAIMPRMVTH YEVS KAPCRS GGGGGLRALG CLGSRSLCNV GFGRPRVASR CGMPGFGYRA GATCGSSACI TPVTINESLL VPLELEIDPT VQRVKRDEKE QIKCLNNRFA SFINKVRFLE QKNKLETKW NFMQQQRSCQ SNMEPLFEGY ICALRRQLDC VSGDHGRLEA ELCSLQEALE GYKKKYEEEL SLRPCAENEF VTLKKDVRTA FLVKADLETN LEALEHEIEF LKALFEEEEIG LLQSQISETS VIVKMDNSRE LDVDGIVAEI KAQYDDIASR SKAEAEAWYQ CRYEELRLTA GNHCDNLRNR KNEILEMNKL IQRLQQDIEA VKGQRCKLEG AIAQAEQQGE AALTDACKKL AGLEEALQKA KQDMACLLKQ YQEV MNCKLG LDIEIATYRR LLEGEEHRLC EGIGPVNISV SSSKGAVLYE PCVMGTPMLR TEYCTGTTGV LRNSGGCNV GTGELYIPCE PQLLGCGNG RSSSMKVGVG SNSCSR 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>

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: Keratin 82 (KRT82)

Alternative Name: Krt82 ([KRT82 Products](#))

Background: Keratin, type II cuticular Hb2 (Keratin-82) (K82) (Type II hair keratin Hb2) (Type-II keratin Kb22)

Molecular Weight: 57.1 kDa

UniProt: [Q99M74](#)

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