

**KRT86 Blocking Peptide (Center)**  
Synthetic peptide  
Catalog # BP20108c**Specification****KRT86 Blocking Peptide (Center) - Product Information**

Primary Accession [Q43790](#)  
Other Accession [Q9Z2T6](#), [P78386](#),  
[P78385](#), [A4FUZ0](#),  
[Q14533](#), [Q148H4](#),  
[A6NCN2](#),  
[NP\\_002275.1](#),  
[P15241](#), [P25691](#)

**KRT86 Blocking Peptide (Center) - Additional Information**

**Gene ID** 3892

**Other Names**

Keratin, type II cuticular Hb6, Hair keratin K211, Keratin-86, K86, Type II hair keratin Hb6, Type-II keratin Kb26, KRT86, KRTHB6

**Target/Specificity**

The synthetic peptide sequence is selected from aa 315-327 of HUMAN KRT86

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**KRT86 Blocking Peptide (Center) - Protein Information**

**Name** KRT86

**KRT86 Blocking Peptide (Center) - Background**

The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this hair keratin, as well as KRTHB1 and KRTHB3, is found primarily in the hair cortex. Mutations in this gene and KRTHB1 have been observed in patients with a rare dominant hair disease, monilethrix.

**KRT86 Blocking Peptide (Center) - References**

ZHANG, S.D., et al. Eur J Dermatol 19(5):508-509(2009)  
Feng, A.P., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 25(2):141-144(2008)  
Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)  
Langbein, L., et al. Int. Rev. Cytol. 243, 1-78 (2005) :

**Synonyms** KRTHB6**Tissue Location**

Synthesis begins slightly higher in the hair shaft than HB1 and HB3 and continues much farther up, ending in the keratogeneous zone.

**KRT86 Blocking Peptide (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)