

KRT86 Blocking Peptide (Center)

Synthetic peptide Catalog # BP20108c

Specification

KRT86 Blocking Peptide (Center) - Product Information

Primary Accession <u>043790</u>

Other Accession <u>Q9Z2T6</u>, <u>P78386</u>,

P78385, A4FUZO, 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

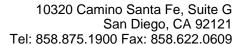
KRTHB1 and KRTHB3, is found primarily in the hair cortex. Mutations

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