

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Cytokeratin 84 Peptide

Cat No.: BS60302P

Background

The Keratin multigene family is made of “soft” epithelial cyto-keratins and “hard” hair Keratins. While the epithelial cyto-keratins are involved in the layering and formation of epithelia, the hair Keratins are responsible for creating nails and hair. There are two types of Keratins: the acidic class I Keratin proteins and the basic/neutral class II Keratin proteins. Keratin 84, also known as KRT84, HB4 or KRTHB4, is a 600 amino acid protein that is expressed in hair follicles. Keratin 84 is a basic/neutral type II Keratin protein which heterodimerizes with type I Keratins to create hair and nails. The gene encoding Keratin 84 maps to human chromosome 12 which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis and Kniest dysplasia.

Swiss-Prot

Q9NSB2

Applications

Blocking

Specificity

This peptide can be used with studies using BS60302 Cytokeratin 84 pAb.

Purification & Purity

Synthetic peptide Cytokeratin 84. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.