

Recombinant Human KRT81

Catalog No: #GP10179



Package Size: #GP10179-1 100ug

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Description

Product Name	Recombinant Human KRT81
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-300 amino acids of human keratin 81
Target Name	keratin 81
Other Names	HB1; Hb-1; KRTHB1; MLN137; ghHkb1; hHAKB2-1
Accession No.	Swissprot:Q14533Gene Accession:BC117465
Uniprot	Q14533
GeneID	3887;
Storage	-20~-80°C, pH 7.6 PBS

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 KRTHB3 and KRTHB6, is found primarily in the hair cortex. Mutations in this gene and KRTHB6 have been observed in patients with a rare dominant hair disease, monilethrix.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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