

Recombinant Human KRT83 cell lysate

Cat. No. KRT83-959HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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 KRTHB6, is found primarily in the hair cortex.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KRT83 keratin 83 [Homo sapiens]
Official Symbol	KRT83

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Synonyms	KRT83; keratin 83; keratin, hair, basic, 3 , KRTHB3; keratin, type II cuticular Hb3; hard keratin type II; Hb 3; K83; hHb3; keratin-83; hair keratin K2.10; type-II keratin Kb23; keratin, hair, basic, 3; hard keratin, type II, 3; type II hair keratin Hb3; HB3; Hb-3; KRTHB3; MGC141663;
Gene ID	3889
mRNA Refseq	NM_002282
Protein Refseq	NP_002273
MIM	602765
UniProt ID	P78385
Chromosome Location	12q12-q13
Function	structural molecule activity;