Recombinant Human KRT34

Cat. No. KRT34-29844TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human KRT34 with an N terminal proprietary tag; Predicted MW 36.63kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Expressed in the hair follicle.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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	cycles.
Sequences of amino acids	SLENTLTESEAHYSSQLSQVQSLITNVESQLAEIRCDLERQNQEYQVLLDVRARLEC EINTYRSLLESEDCKLPCNPCATTNASGNSCGPCGTSQKGCCN
Sequence Similarities	Belongs to the intermediate filament family.

GENE INFORMATION

Gene Name	KRT34 keratin 34 [Homo sapiens]
Official Symbol	KRT34
Synonyms	KRT34; keratin 34; keratin, hair, acidic, 4 , KRTHA4; keratin, type I cuticular Ha4; Ha 4; hard keratin type I 4;
Gene ID	3885
mRNA Refseq	NM_021013
Protein Refseq	NP_066293
MIM	602763
Uniprot ID	O76011
Chromosome Location	17q21.2
Function	structural molecule activity;

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