

Recombinant Human KRT33A protein, His & T7-tagged

Cat. No. KRT33A-1510H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT33A aa. (Lys57~Glu363 (Accession # O76009)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys57~Glu363
Description	This gene encodes a member of the keratin gene family. This gene is one of multiple type I hair keratin genes that are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, the encoded protein is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, keratin 33A and keratin 33B.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	4.6

GENE INFORMATION

Gene Name	KRT33A keratin 33A [Homo sapiens (human)]
Official Symbol	KRT33A
Synonyms	KRT33A; keratin 33A; HA3I; K33A; Ha-3I; Krt1-3; hHa3-I; KRTHA3A; keratin, type I cuticular Ha3-I; hair keratin, type I Ha3-I; hard keratin, type I,3I; keratin 33A, type I; keratin, hair, acidic, 3A
Gene ID	3883
mRNA Refseq	NM_004138.3
Protein Refseq	NP_004129.2
UniProt ID	O76009

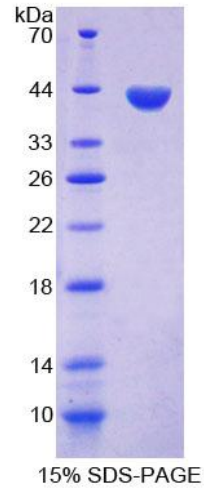
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SDS-PAGE



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