

Recombinant Human KRT17 protein, His & S-tagged

Cat. No. KRT17-1843H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT17 aa. (Ile252~Ala393 (Accession # Q04695)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile252~Ala393
Description	This gene encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex.
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.8.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	KRT17 keratin 17 [Homo sapiens (human)]
Official Symbol	KRT17
Synonyms	Tnni1; troponin I, skeletal, slow 1; ssTnI; AI747285; 2700018B22Rik; troponin I, slow skeletal muscle; troponin I, slow-twitch isoform
Gene ID	3872
mRNA Refseq	NM_000422.2
Protein Refseq	NP_000413.1
UniProt ID	Q04695

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