

KRT35 Protein, Human (His-SUMO)

Cat. No.:	HY-P71618
Synonyms:	Hair keratin; Hair keratin; type I Ha5; HHA5; HKA5; K35; Keratin; Keratin; type I cuticular Ha5; Keratin-35; KRT35; KRTHA5; type I cuticular Ha5; type I Ha5
Species:	Human
Source:	E. coli
Accession:	Q92764 (1M-455F)
Gene ID:	3886
Molecular Weight:	Approximately 66.4 kDa

PROPERTIES

AA Sequence

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M A S K C L K A G F   S S G S L K S P G G   A S G G S T R V S A   M Y S S S S C K L P
S L S P V A R S F S   A C S V G L G R S S   Y R A T S C L P A L   C L P A G G F A T S
Y S G G G G W F G E   G I L T G N E K E T   M Q S L N D R L A G   Y L E K V R Q L E Q
E N A S L E S R I R   E W C E Q Q V P Y M   C P D Y Q S Y F R T   I E E L Q K K T L C
S K A E N A R L V V   E I D N A K L A A D   D F R T K Y E T E V   S L R Q L V E S D I
N G L R R I L D D L   T L C K S D L E A Q   V E S L K E E L L C   L K K N H E E E V N
S L R C Q L G D R L   N V E V D A A P P V   D L N R V L E E M R   C Q Y E T L V E N N
R R D A E D W L D T   Q S E E L N Q Q V V   S S S E Q L Q S C Q   A E I I E L R R T V
N A L E I E L Q A Q   H S M R D A L E S T   L A E T E A R Y S S   Q L A Q M Q C M I T
N V E A Q L A E I R   A D L E R Q N Q E Y   Q V L L D V R A R L   E C E I N T Y R G L
L E S E D S K L P C   N P C A P D Y S P S   K S C L P C L P A A   S C G P S A A R T N
C S P R P I C V P C   P G G R F
  
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Appearance

Lyophilized powder.

Formulation

Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.

Endotoxin Level

<1 EU/μg, determined by LAL method.

Reconstitution

It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH₂O.

Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

KRT35 Protein exhibits early expression in the hair follicle, predominantly localized in supramatrical cells and the

lowermost cortical cells of the hair bulb.

Caution: Product has not been fully validated for medical applications. For research use only.

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