

Recombinant Human TCHH Protein, His-tagged

Cat. No. TCHH-499H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TCHH(Phe1851~Pro1943) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe1851~Pro1943
Description	The protein encoded by this gene forms crosslinked complexes with itself and keratin intermediate filaments to provide mechanical strength to the hair follicle inner root sheath. The encoded protein also is important for structural integrity of the filiform papillae of the tongue. Defects in this gene are a cause of uncombable hair syndrome.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	15.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	TCHH trichohyalin [Homo sapiens]
Official Symbol	TCHH
Synonyms	THH; THL; TRHY
Gene ID	7062
mRNA Refseq	NM_007113.2
Protein Refseq	NP_009044.2
MIM	190370
UniProt ID	Q07283

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