

Recombinant human KRT14, His-tagged

Cat. No. KRT14-015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT14A full-length protein was expressed in E. coli with His-tag at N-terminal.
Species	Human
Source	E.coli
Description	This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	51.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name KRT14 keratin 14 [Homo sapiens]

Official Symbol KRT14

Synonyms KRT14; keratin 14; K14; NFJ; CK14; EBS3; EBS4; cytokeratin 14; keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner);Keratin, type I cytoskeletal 14; Cytokeratin-14; CK-14; Keratin-14

Gene ID 3861

mRNA Refseq NM_000526

Protein Refseq NP_000517

MIM 148066

UniProt ID P02533

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