

# Recombinant Human KRT83 protein

**Cat. No.** KRT83-4972H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KRT83 protein(P78385)(1-493 aa) was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-493 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AASequence</b>       | <p>MTCGFNSIGC GFRPGNFSCV SACGPRPSRC CITAAPYRGI SCYRGLTGGF</p> <p>GSHSVCGGFR AGSCGRSFGY RSGGVCGPSP PCITTVSVNE SLLTPLNLEI</p> <p>DPNAQCVKQE EKEQIKSLNS RFAAFIDKVR FLEQQNKLL TKLQFYQNRE</p> <p>CCQSNLEPLF AGYIETLRRE AECVEADSGR LAELNHVQE VLEGYKKKYE</p> <p>EEVALRATAE NEFVALKKDV DCAYLRKSDL EANVEALIQE IDFLRRLYEE</p> <p>EIRILQSHIS DTSVVVKLDN SRDLNMDCIV AEIKAQYDDI ATRSRAEAE</p> <p>WYRSKCEEMK ATVIRHGETL RRTKEEINEL NRMIQRLTAE VENAKCQNSK</p> <p>LEAAVAQSEQ QGEAALSDAR CKLAELEGAL QKAKQDMACL IREYQEVMS</p> <p>KLGLDIEIAT YRRLLEGEEQ RLCEGVEAVN VCVSSSRGGV VCGDLCVSGS</p> <p>RPVTGSVCSA PCNGNLVVST GLCKPCGQLN TTCGGGSCGQ GRH</p> |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

**GENE INFORMATION**

**Gene Name** KRT83 keratin 83 [ Homo sapiens ]

**Official Symbol** KRT83

**Synonyms** KRT83; keratin 83; keratin, hair, basic, 3 , KRTHB3; keratin, type II cuticular Hb3; hard keratin type II; Hb 3; K83; hHb3; keratin-83; hair keratin K2.10; type-II keratin Kb23; keratin, hair, basic, 3; hard keratin, type II, 3; type II hair keratin Hb3; HB3; Hb-3; KRTHB3; MGC141663;

**Gene ID** 3889

**mRNA Refseq** NM\_002282

**Protein Refseq** NP\_002273

**MIM** 602765

**UniProt ID** P78385

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