

Recombinant Human KRT14 protein, His-SUMO-tagged

Cat. No. KRT14-3145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT14 protein(P02533)(1-472aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-472aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	67.6 kDa
AA Sequence	MTTC SRQFTSSSS MKGSCGIGGGIGGGSSRISSVL AGGSCRAPSTYGGGLSVSSSR FSSGGACGLGGGYGGGFSSSSSSFGSGFGGGYGGGLGAGLGGGFGGGFAGGDG LLVGSEKVTMQNLNDRLASYLDKVRAL EEA NADLEV KIRDWYQRQRP AEIKDYSPYF KTIEDLRNKILTATVDNANVLLQIDNARLAADDFRTKYETELNLRMSVEADINGLRRVL DELTARADLEMQIESLKEELAYLKKNH EEE MNALRGQVGGDVNVEMDAAPGVDLS RILNEMRDQYEKMAEKNRKDAEEWFFTKTEELNREVATNSELVQSGKSEISELRRT MQNLEIELQS QLSMKASLENSLEETKGRYCMQLAQIQEMIGSVEEQLAQLRCEME Q QNQEYKILLDVKTRLEQEIATYRRLLGEDAHLSSSQFSSGSQSSRDVTSSSRQIRT KVMDVHDGKVVSTHEQVLR TKN

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	KRT14 keratin 14 [Homo sapiens]
Official Symbol	KRT14
Synonyms	KRT14; keratin 14; EBS3, EBS4, keratin 14 (epidermolysis bullosa simplex, Dowling Meara, Koebner); keratin, type I cytoskeletal 14; epidermolysis bullosa simplex; Dowling Meara; Koebner; CK-14; keratin-14; cytokeratin 14; cytokeratin-14; keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner); K14; NFJ; CK14; EBS3; EBS4;
Gene ID	3861
mRNA Refseq	NM_000526
Protein Refseq	NP_000517
MIM	148066
UniProt ID	P02533

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