

## 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 SRQFTSSSSMKGSCGIGGGIGGGSSRISSVLAGGSCRAPSTYGGGLSVSSSR  
FSSGGACGLGGGYGGGFSSSSSSFGSGFGGGYGGGLGAGLGGGFGGGFAGGDG  
LLVGSEKVTMQNLNDR LASYLDKVRALEEANADLEV KIRDWYQRQRPAEIKDYSPYF  
KTIEDLRNKILTATVDNANVLLQIDNARLAADDFRTKYETELNLRMSVEADINGLRRVL  
DELTARADLEMQIESLKEELAYLKKNH EEMNALRGQVGGDVNVEMDAAPGV DLS  
RILNEMRDQYEKMAEKNRKDAEEWFFTKTEELNREVATNSELVQSGKSEISELRRT  
MQNLEIELQSQLSMKASLENSLEETKGRYCMQLAQIQEMIGSVEEQLAQLRCEME Q  
QNQEYKILLDVKTRLEQEIATYRRLLLEGEDAHLSSSQFSSGSQSSRDVTSSSRQIRT  
KVMDVHDGKVVSTHEQVLRTKN

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

<b>Gene Name</b>	<a href="#">KRT14 keratin 14 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">KRT14</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">3861</a>
<b>mRNA Refseq</b>	<a href="#">NM_000526</a>
<b>Protein Refseq</b>	<a href="#">NP_000517</a>
<b>MIM</b>	<a href="#">148066</a>
<b>UniProt ID</b>	<a href="#">P02533</a>

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