

## Recombinant Human KRT1 protein, His-tagged

**Cat. No.** KRT1-3144H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KRT1 protein(P04264)(2-644aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-644aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	69.9 kDa
<b>AA Sequence</b>	<p>SRQFSSRSGYRSGGGFSSGSAGIINYQRRTTSSSTRRSGGGGGRFSSCGGGGGS  FGAGGGFGSRSLVNLGGSKSISISVARGGGRGSGFGGGYGGGGFGGGGFGGGGF  GGGGIGGGGFGGFGSGGGGFGGGGFGGGGYGGGYGPVCPGGIQQEVTINQSLQ  PLNVEIDPEIQKVKSREREQIKSLNNQFASFIDKVRFLQEQNQVLQTKWELLQQVDTS  TRTHNLEPYFESFINLRRRVDQLKSDQSRLDSELKNMQDMVEDYRNKYEDEINKR  TNAENEFVTIKKDVDGAYMTKVDLQAKLDNLQQEIDFLTALYQAELSQMQTQISETN  VILSMDNNRSLDLDSIIAEVKAQYEDIAQKSKAEAESLYQSKYEELQITAGRHGDSVR  NSKIEISELNRVIQRLRSEIDNVKKQISNLQQSISDAEQRGENALKDAKNKLNLDLEDAL  QQAKEDLARLLRDYQELMNTKLALDLEIATYRTLLEGEESRMSGECAPNVSVSVSTS</p>

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HTTISGGGSRGGGGGGYGSGGSSYSGGGGSYSGGGGGGGGRGSYSGGSSYG  
 SGGGSYSGGGGGGHGSYSGSSSSGGYRGGSGGGGGSSGGRGSGGGSSGG  
 SIGGRGSSSSGGVKSSGGSSSVKFVSTTYSVTR

**Purity** Greater than 85% 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** [KRT1 keratin 1 \[ Homo sapiens \]](#)

**Official Symbol** [KRT1](#)

**Synonyms** KRT1; keratin 1; EHK1, epidermolytic hyperkeratosis 1; keratin, type II cytoskeletal 1; KRT1A; CK-1; cytokeratin 1; cytokeratin-1; 67 kDa cytokeratin; hair alpha protein; type-II keratin Kb1; epidermolytic hyperkeratosis 1; K1; CK1; EHK; EHK1; EPPK; NEPPK;

**Gene ID** [3848](#)

**mRNA Refseq** [NM\\_006121](#)

**Protein Refseq** [NP\\_006112](#)

**MIM** [139350](#)

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UniProt ID

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