

Recombinant Human KRT1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human KRT1 protein(P04264)(2-644aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-644aa
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	69.9 kDa
AA Sequence	SRQFSSRSGYRSGGGFSSGSAGIINYQRRTTSSSTRRSGGGGGGRFSSCGGGGGS FGAGGGFGSRSLVNLGGSKSISISVARGGGRGSGFGGGYGGGGFGGGGFGGGGF GGGGIGGGGFGGFGSGGGGFGGGGFGGGGYGGGYGPVCPGGGIQEVNTINQSLLQ PLNVEIDPEIQKVKSREREQIKSLNNQFASFIDKVRFLQEQNQVLQTKWELLQQVDTS TRTHNLEPYFESFINNLRVRDQLKSDQSRLDSELKNMQDMVEDYRNKYEDEINKR TNAENEFVTIKDVDGAYMTKVDLQAKLDNLQQEIDFLTALYQAELSQMQTQISETN VILSMDNNRSLDLDSIIAEVKAQYEDIAQSKAEAEESLYQSKYEELQITAGRHGDSVR NSKIEISELNRIQRLRSEIDNVKKQISNLQQSISDAEQRGENALKDAKNKLNDLEDAL QQAKEDLARLLRDYQELMNTKLALDLEIATYRTLLEGEESRMSGECAPNVSVSVSTS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

HTTISGGGSRGGGGGGYGSGGSSYGSGGGSYGSGGGGGGGGRGSYGSGGSSYG
 SGGGSYGSGGGGGGHGSYGS GSSSGGYRGGSGGGGGGSSGGRGSGGGSSGG
 SIGGRGSSSGGVKSSGGSSSVKFVSTTYSGVTR

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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