

Recombinant Human KRT18 protein, T7/His-tagged

Cat. No. KRT18-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT18 fused with a small T7-His-TEV cleavage site Tag (29aa) fusion at its N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1 a.a. - 100 a.a.
Form	Sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGRHHHHHHGNLYFQGEFSFTTRSTFSTNYRSLGSVQAPSYGAR PVSSAASVYAGAGGSGSRISVSRSTSFRGGMGSGGLATGIAGGLAGMGGIQNEKE TMQSLNDRSLASYLDRVRSLETENRRLESKIREHLEKKGPQVRDWSHYFKIIEDLRAQI FANTVDNARIVLQIDNARLAADDFRVKYETELAMRQSVENDIHGLRKVIDDTNITRLQ LETEIEALKEELLFMKKNHEEEVKGLQAQIASSGLTVEVDAPKSQLAKIMADIRAQY DELARKNREELDKYWSQQIEESTTVVTTQSAEVGAAETTLTELRRTVQSLEIDLDSM RNLKASLENSLREVEARYALQMEQLNGILLHLESELAQTRAEGQRQAQEYEALLNIK VKLEAEIATYRRLLLEDGEDFNLGDALDSSNSMQTIQKTTTTRIVDGKVVSETNDTKVL RH
Purity	> 90% by SDS-PAGE.
Storage	In Liquid. Keep at -80 centigrade for long term storage. Product is stable at 4

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centigrade for at least 30 days.

Storage Buffer 0.50 mg/ml

GENE INFORMATION

Gene Name KRT18 keratin 18 [Homo sapiens]

Official Symbol KRT18

Synonyms KRT18; keratin 18; keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein; K18; CYK18;

Gene ID 3875

mRNA Refseq NM_199187

Protein Refseq NP_954657

MIM 148070

UniProt ID P05783

Chromosome Location 12q13

Pathway Caspase cascade in apoptosis, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, conserved biosystem;

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Function

protein binding; structural molecule activity;

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