

## Recombinant Human KRT18 protein, T7/His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KRT18 fused with a small T7-His-TEV cleavage site Tag (29aa) fusion at its N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1 a.a. - 100 a.a.
<b>Form</b>	Sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGHHHHHHGNLYFQGEFSFTRSTFSTNYRSLGSVQAPSYGAR PVSSAASVYAGAGGSGSRISVSRSTSFRGGMGSGGLATGIAGGLAGMGGIQNEKE TMQSLNDRLASYLDRVRSLETENRRLESKIREHLEKKGPPQVRDWSHYFKIIEDLRAQI FANTVDNARIVLQIDNARLAADDFRVKYETELAMRQSVENDIHGLRKVIDDTNITRLQ LETEIEALKEELLFMKKNHEEEVKGLQAQIASSGLTVEVDAPKSDLAKIMADIRAQY DELARKNREELDKYWSQQIEESTTVVTTQSAEVGAAETTLTELRRTVQSLEIDLDSM RNLKASLENSLREVEARYALQMEQLNGILLHLESELAQTRAEGQRQAQEYEALLNIK VKLEAEIATYRRLLEDGEDFNLGDALDSSNSMQTIQKTTTRRIVDGKVVSETNDTKVL RH
<b>Purity</b>	> 90% by SDS-PAGE.
<b>Storage</b>	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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