

## Recombinant Human KRT18 protein, His-tagged

Cat. No. KRT18-3146H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human KRT18 protein(P05783)(11-430aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Human

**Source** E.coli

**ProteinLength** 11-430aa

**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** 50.9 kDa

**AA Sequence**

```
TNYRSLGSVQAPSYGARPVSSAASVYAGAGGSGSRISVSRSTSFRRGGMGSGGLAT
GIAGGLAGMGGIQNEKETMQSLNDRLASYLDRVRSLETENRRLESKIREHLEKKGP
QVRDWSHYFKIIEDLRAQIFANTVDNARIVLQIDNARLAADDFRVKYETELAMRQSVE
NDIHGLRKVIDDTNITRLQLETEIEALKEELLFMKKNHEEEVKGLQAQIASSGLTVEVD
APKSQDLAKIMADIRAQYDELARKNREELDKYWSQQIEESTTVVTTQSAEVGAAETT
LTELRRTVQSLEIDLDSMRNLKASLENSLREVEARYALQMEQLNGILLHLESELAQTR
AEGQRQAQEYEALLNIKVKLEAEIATYRRLLLEDGEDFNLGDALDSSNSMQTIQKTTT
RRIVDGKVVSETNNDTKVLRH
```

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<b>Purity</b>	>85% (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>	KRT18 keratin 18 [ Homo sapiens ]
<b>Official Symbol</b>	KRT18
<b>Synonyms</b>	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;
<b>Gene ID</b>	3875
<b>mRNA Refseq</b>	NM_000224
<b>Protein Refseq</b>	NP_000215
<b>MIM</b>	148070
<b>UniProt ID</b>	P05783

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