



Recombinant Human KRT18 Protein Product Manual

1. Product Basic Information

Product No.: REP07308

Protein Name: Keratin 18 (KRT18)

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

UniProt ID: P05783

UniProt Link: <https://www.uniprot.org/uniprotkb/P05783/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-430aa)

Molecular Weight: 48.1 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (2-430aa)

SFTTRSTFSTNYRSLGSGVQAPSYGARPVSSAASVYAGAGGSGSRISVSRSTSFRG
GMGSGGLATGIAGGLAGMGGIQNEKETMQSLNDRLASYLDRVRSLETENRRLESKI
REHLEKKGPQVRDWSHYFKIIEDLRAQIFANTVDNARIVLQIDNARLAADDFRVKYET
ELAMRQSVENDIHGLRKVIDDTNITRLQLETEIEALKEELLFMKKNHEEEVKGLQAQI
ASSGLTVEVDAPKSQDLAKIMADIRAQYDELARKNREELDKYWSQQIEESTTVVTTQ
SAEVGAAETTLTELRRTVQSLEIDLDSMRNLKASLENSLREVEARYALQMEQLNGIL
LHLESELAQTRAEGQRQAQYEYALLNIKVKLEAEIATYRRLLLEDGEDFNLGDALDSS
NSMQTIQKTTTTRIVDGKVVSETNDTKVLRH

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human KRT18 full length of mature protein protein (2-430aa) expressed in E.coli. The protein is tag-free. KRT18, also known as K18 or CK-18 or CYK18, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.