



Recombinant Human KLK7 Protein Product Manual

1. Product Basic Information

Product No.: REP07298

Protein Name: Kallikrein-Signal Protein (KLK7)

Aliases: hK7; SCCE; PRSS6; kallikrein-signal protein; kallikrein 7 (chymotryptic, stratum corneum)

UniProt ID: P49862

UniProt Link: <https://www.uniprot.org/uniprotkb/P49862/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (28-253aa)

Molecular Weight: 51.7kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (28-253aa)

DKIIDGAPCARGSHPWQVALLSGNQLHCGGVLVNERWVLTAHCKMNEYTVHLGS
DTLGDRRAQRIKASKSFRHPGYSTQTHVNDLMLVKLNSQARLSSMVKKVRLPSRC
EPPGTTCTVSGWGTSTSPDVTFFPSDLMCVDVKLISPQDCTKVYKDLENSMLCAGI
PDSKKNACNGDSGGPLVCRGTLQGLVSWGTFPCGQPNDPGVYTQVCKFTKWIND
TMKKHR

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

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

5. Product Description

This product is a recombinant Human KLK7 partial protein (28-253aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. KLK7, also known as hK7 or SCCE or PRSS6, 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.