

Recombinant Kininogen 1 (KNG1)

Catalog No.: TP09823 100µg

Sequence Information

Species: Rat

Gene ID:25087

Swiss Prot:P08934

Synonyms:BDK; KNG; HMWK; Alpha-2-Thiol Proteinase Inhibitor

Residues:Gln19-Arg380

HHHHHSSGLVPRGSHMVSKEELFTGVVPIVLVDGDVNGHKFSVSGEGEGDATYGLTLKFICTTGKLPVPWPTLVTTLTYGVCFSRYPDHMKQH
DFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGVSQLA
DHYQQNTPIGDGPVLLPDNHYLSTQSALSKDPNEKRDMVLLLEFVTAAGITLGMDELYKQEEDAQEMDCNDESLFQAVDTALKKYNAGLKSGNQFVLY
QVTEGTTKKGSKTFYFQYQIKEGNCSVQSGFAWQDCDFKDAEEAATGECTATLEKRRNNKFSIATQICNITPGKGPVITNEYHCLGCMHPISVDSPE
LGPVLKHAVEHFNNNTKHTHLFALGEVKSADRQVWAGMNYQIIYSIVQTNCSKEDFPSLHEDCVLPSPGDDGECKGNFVVDIHKTIAGFSDSCEFYPG
DDLPELLPEDCPGCRNIPVDSPELKEALGHSIAQLNAENHTFYFKIDTVKKATSQVAVAGTKYVIEFIARETKSKESNAELTADCETKRLGQSLNC
NANVYMRPWENKVVPTVKCKVLDMTSVIR

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His+GFP

Subcellular Location: Membrane.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH=7.4,5%Trehalose.

Original Concentration: 100µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.5

Predicted Molecular Mass: 69.2kDa

Accurate Molecular Mass: 69kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

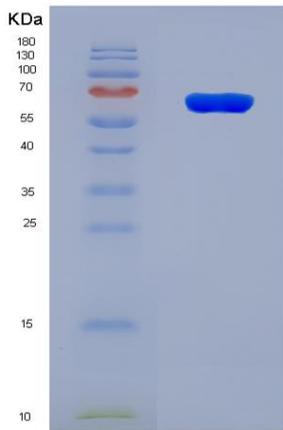


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.