

Recombinant Kininogen 1 (KNG1) Instruction Manual

SIPB719Ra01

Rattus norvegicus (Rat)

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|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Secreted |
| Predicted Molecular Mass | 43.9kDa |
| Accurate Molecular Mass | 48kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Gln19~Arg380 with N-terminal His Tag |
| Buffer Formulation | 100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| Traits | Freeze-dried powder |
| Purity | > 90% |
| Isoelectric Point | 5.2 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

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QE EDAQEMDCND ESLFQAVDTA LKKYNAGLKS
GNQFVLYQVT EGTKKDGSKT FYSFKYQIKE GNCSVQSGFA WQDCDFKDAE
EAATGECTAT LEKRRNKFIS IATQICNITP GKGPIVTNEY HCLGCMHPIS
VDSPELGPVL KHAVEHFNNN TKHTHLFALG EVKSADRQVV AGMNYQIIYS
IVQTNCSKED FPSLHEDCVP LPSGDDGECK GNAFVDIHKT IAGFSDSCEF
YPGDDLFELL PEDCPGCPRN IPVDSPELKE ALGHSIAQLN AENNHTFYFK
IDTVKKATSQ VVAGTKYVIE FIARETKCSK ESNAELTADC ETKRLGQSLN
CNANVYMRPW ENKVVPTVKC KVLDMTSVIR
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

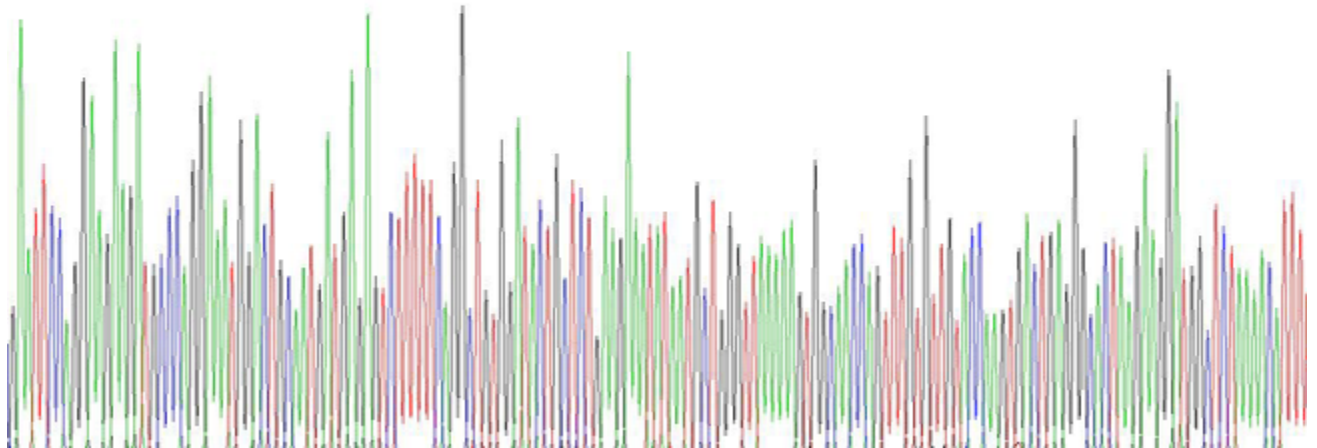
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

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

