Recombinant Kininogen 1 (KNG1) Instruction Manual

SIPB719Mu01

Mus musculus (Mouse)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Secreted, Extracellular matrix

Predicted Molecular Mass 41.0kDa

Accurate Molecular Mass 47kDa(Analysis of differences refer to the manual)

Residues & Tags Glu22~Arg379 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 5.6

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

SEQUENCE

		EAQEIDCND	EAVFQAVDFS	LKQFNPGVKS
GNQYMLHRVI	EGTKTDGSPT	FYSFKYLIKE	GNCSAQSGLA	WQDCDFKDAE
EAATGECTAT	VGKRENEFFI	VTQTCKIAPS	KAPILKAYFP	CIGCVHAIST
DSPDLEPVLK	HSIEHFNNNT	DHSHLFTLRK	VKSAHRQVVA	GLNFDITYTI
VQTNCSKERF	PSLHGDCVAL	PNGDDGECRG	NLFMDINNKI	ANFSQSCTLY
SGDDLVEALP	KPCPGCPRDI	PVDSPELKEV	LGHSIAQLNA	ENDHPFYYKI
DTVKKATSQV	VAGTKYVIEF	IARETKCSKE	SNTELAEDCE	IKHLGQSLDC
NANVYMRPWE	NKVVPTVKCO	ALDMTEMAR		

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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

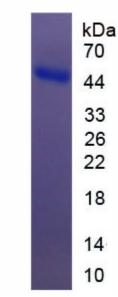


Figure. SDS-PAGE

[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.