

RPA691Mu01 100μg
Recombinant Kallikrein 6 (KLK6)
Organism Species: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Pro19~Asp261

Tags: Two N-terminal Tags, His-tag and GST-tag

Tissue Specificity: Kidney, Colon Cancer, Salivary Gland.

Subcellular Location: Secreted.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl.

Original Concentration: 200µg/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: 4.9

Predicted Molecular Mass: 56.9kDa

Accurate Molecular Mass: 57kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 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.

[SEQUENCE]

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PP VQSRIVGGFN CEKNSQPWQV AVYRFTKYQC
GGILLNANWV LTAAHCHNDK YQVWLGKNNF LEDEPSAQHR LVSKAIPHPD
FNMSLLNEHT PQPEDDYSND LMLLRLKKPA DITDVVKPID LPTEEPKLGS
TCLASGWGSI TPVKYEYPDE LQCVNLKLLP NEDCAKAHIE KVTDDMLCAG
DMDGGKDTCA GDSGGPLICD GVLQGITSWG PSPCGKPNVP GIYTRVLNFN
TWIRETMAEN D

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[IDENTIFICATION]

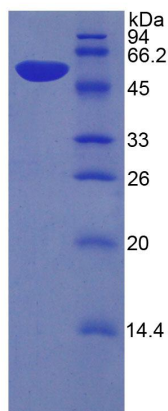


Figure 2. SDS-PAGE