

Recombinant Rat Klkb1 Protein, His-tagged

Cat. No. Klkb1-2757R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Klkb1 Protein (Asn68-Pro255) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asn68-Pro255
Description	Predicted to enable serine-type endopeptidase activity. Involved in liver regeneration. Located in extracellular space. Used to study inflammatory bowel disease. Biomarker of liver cirrhosis. Human ortholog(s) of this gene implicated in lupus nephritis and systemic lupus erythematosus. Orthologous to human KLKB1 (kallikrein B1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.7 kDa Accurate Molecular Mass: 27 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Klkb1 kallikrein B1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Klkb1

Synonyms

Klkb1; kallikrein B1; PK; Klk3; Kalp1; KALP15; plasma kallikrein; fletcher factor; kallikrein B, plasma 1; kininogenin; plasma prekallikrein; EC 3.4.21.34

Gene ID

25048

mRNA Refseq

NM_012725

Protein Refseq

NP_036857

UniProt ID

Q5FVS2

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